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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1708***
For each additional sheet over 30	**$19**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1708 $***
Pour chaque feuille au delà de 30	**19 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*))	**$257**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**257 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday. CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilsant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 8, 2018 contains applications open to public inspection from April 22, 2018 to April 28, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 8 mai 2018 contient les demandes disponibles au public pour consultation pour la période du 22 avril 2018 au 28 avril 2018.

16. Erratum

The information concerning the notice of removal from the register of patent agents for the following patent agents of the Canadian Patent Office Record of April 17, 2018 was incorrect. The following patent agents and/or firms are in good standing:

PEI, NANCY P.
O'CONNELL, TAMARA
INGRAM, COLIN B.
NEABLE, KUYLER BRUCE
TAKAGAWA, DAVID H.
CARSON LAW OFFICE PROFESSIONAL CORPORATION
JUNKIN, CHARLES WILLIAM

16. Erratum

Les renseignements concernant l'avis concernant le registre des agents de brevets pour annoncer que les agents de brevet ci-dessous étaient supprimés dans la Gazette du Bureau des brevets le 17 avril 2018 sont inexacts. Les agents de brevets et/ou des maisons d'affaires suivants sont en règle :

PEI, NANCY P.
O'CONNELL, TAMARA
INGRAM, COLIN B.
NEABLE, KUYLER BRUCE
TAKAGAWA, DAVID H.
CARSON LAW OFFICE PROFESSIONAL CORPORATION
JUNKIN, CHARLES WILLIAM

Canadian Patents Issued

May 8, 2018

Brevets canadiens délivrés

8 mai 2018

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[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **BUSINESS TRANSACTION MANAGEMENT**
[54] **GESTION DE TRANSACTIONS COMMERCIALES**
[72] SOLOMON, STUART L., US
[72] KILMER, BURRELL G., US
[72] WELLS, CASEY C., US
[72] JORDAN, KYLE K., US
[72] MEHOK, MATTHEW W., US
[72] SAFFELL, TIMOTHY J., US
[72] HENDERSHOT, BENJAMIN J., US
[72] ANDERSON, STEWART J. J., AU
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[13] C
[51] **Int.Cl. G16H 40/20 (2018.01)**
[25] EN
[54] **SYSTEM AND SOFTWARE OF ENHANCED PHARMACEUTICAL OPERATIONS IN LONG-TERM CARE FACILITIES AND RELATED METHODS**
[54] **SYSTEME ET LOGICIEL D'OPERATIONS PHARMACEUTIQUES AMELIOREES DANS DES ETABLISSEMENTS DE SOINS A LONG TERME ET PROCEDES ASSOCIES**
[72] MONCRIEF, JAMES W., US
[72] MARTIN, JAMES J., US
[73] TECH PHARMACY SERVICES, LLC, US
[85] 2006-05-02
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[51] **Int.Cl. G01C 21/00 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR ESTIMATING POSITION, ATTITUDE, AND/OR HEADING OF A VEHICLE**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EVALUER LA POSITION, L'ATTITUDE ET/OU LE CAP D'UN VEHICULE**
[72] VOS, DAVID WILLIAM, US
[72] GAVRILETS, VLADISLAV, US
[73] ROCKWELL COLLINS CONTROL TECHNOLOGIES, INC., US
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[54] **IMMOBILIZED ENZYMES AND METHODS OF USING THEREOF**
[54] **ENZYMES IMMOBILISEES ET LEURS PROCEDES D'UTILISATION**
[72] KRALOVEC, JAROSLAV, A., CA
[72] WANG, WEIJIE, CA
[73] DSM NUTRITIONAL PRODUCTS AG, US
[85] 2007-10-22
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[25] EN
[54] **MEDICINAL AGENT FOR TREATING FATNESS, DIABETES, AND DISEASES ASSOCIATED WITH IMPAIRED GLUCOSE TOLERANCE**
[54] **PREPARATION MEDICAMENTEUSE DESTINEE AU TRAITEMENT PERORAL DE L'EXCES PONDERAL, DU DIABETE SUCRE ET DE MALADIES ACCOMPAGNEES D'UNE PERTURBATION DE LA TOLERANCE DU GLUCOSE**
[72] EPSHTEIN, OLEG ILICH, RU
[72] SERGEEVA, SVETLANA ALEXANDROVNA, RU
[73] EPSHTEIN, OLEG ILICH, RU
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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06N 5/02 (2006.01)**
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[54] **SYSTEM, METHOD, AND COMPUTER PROGRAM FOR A CONSUMER DEFINED INFORMATION ARCHITECTURE**
[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR POUR UNE ARCHITECTURE D'INFORMATION DEFINIE PAR LE CONSOMMATEUR**
[72] SWEENEY, PETER, CA
[72] GOOD, ROBERT, CA
[73] PRIMAL FUSION INC., CA
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[51] **Int.Cl. C03C 10/12 (2006.01)**
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[54] **PROCESS FOR THE PREPARATION OF CERAMIC GLASS MATERIAL IN THE FORM OF SHEETS, SHEETS THUS OBTAINED AND USE THEREOF**
[54] **PROCEDE POUR LA PREPARATION D'UN MATERIAU EN VERRE CERAMISE SOUS LA FORME DE FEUILLES, FEUILLES AINSI OBTENUES ET UTILISATION DE CELLES-CI**
[72] BALDI, GIOVANNI, IT
[72] BORELLI, GAUDENZIO, IT
[72] ANTONINI, ALESSIO, IT
[72] BITOSSI, MARCO, IT
[73] COLOROBBIA ITALIA S.P.A., IT
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[54] **HEAVY DUTY TIRE**
[54] **PNEUMATIQUE EXTRA ROBUSTE**
[72] NEUBAUER, ROBERT ANTHONY, US
[72] WELLS, DALE EUGENE, US
[72] FRANK, MAURICE JACOB, US
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 51/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF THE ANTI-B7H3 (CD276) ANTIBODY, 8H9, FOR THE TREATMENT OF NEUROBLASTOMA TUMORS**
[54] **UTILISATION DE L'ANTICORPS ANTI-B7H3 (CD276), 8H9, POUR LE TRAITEMENT DE NEUROBLASTOMES**
[72] CHEUNG, NAI-KONG, US
[73] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US
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[54] **SOLVENT-CAST MICRONEEDLE ARRAYS CONTAINING ACTIVE**
[54] **RESEAUX DE MICRO-AIGUILLES COULEES DANS UN SOLVANT CONTENANT UN ACTIF**
[72] SINGH, PARMINDER, US
[72] WORSHAM, ROBERT WADE, US
[72] TRAUTMAN, JOSEPH C., US
[72] BAYRAMOV, DANIR F., US
[72] BOWERS, DANNY LEE, US
[72] KLEMM, ANDY, US
[72] KLEMM, STEVEN RICHARD, US
[72] CHEN, GUOHUA, US
[73] CORIUM INTERNATIONAL, INC., US
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[54] **HIGH-SENSITIVITY PRESSURE-SENSING PROBE**
[54] **CAPTEUR DE PRESSION HAUTE SENSIBILITE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, US
[72] GARCIA, ARIEL, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2686886)
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[22] 2009-12-02
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[54] **TEMPLATED CATALYST COMPOSITION AND ASSOCIATED METHOD**
[54] **COMPOSITION CATALYTIQUE A PATRON ET METHODE CONNEXE**
[72] LEWIS, LARRY NEIL, US
[72] HANCU, DAN, US
[72] SICLOVAN, OLTEA PUICA, US
[72] YIN, MING, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2690654)
[87] (2690654)
[22] 2010-01-21
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[51] **Int.Cl. B65H 29/60 (2006.01) B65H 5/02 (2006.01) B65H 29/12 (2006.01) G07D 7/00 (2016.01) G07D 11/00 (2006.01)**
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[54] **VARIABLE LENGTH BILL PATH**
[54] **CHEMIN DE BILLET DE BANQUE DE LONGUEUR VARIABLE**
[72] YERMOLENKO, DMYTRO, CA
[72] ONIPCHENKO, OLEXANDR, CA
[72] RABINOVICH, PAVEL, CA
[72] KYSELOV, ANDRIY, CA
[73] CRANE CANADA CO., CA
[86] (2692992)
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[51] **Int.Cl. A61L 27/38 (2006.01) A61F 2/30 (2006.01) A61L 2/18 (2006.01)**
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[54] **GREFFES DE CARTILAGE**
[72] CHEN, SILVIA S., US
[72] WOLFINBARGER, LLOYD, US
[72] QIN, XIAOFEI, US
[72] CHEN, JINGSONG, US
[72] THOMAS, RONY, US
[72] MOORE, MARK, US
[72] JONES, ALYCE LINTHURST, US
[73] LIFENET HEALTH, US
[85] 2010-01-14
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[54] **COMPOSITION AND THERAPEUTIC ANTI-TUMOUR VACCINE**
[54] **COMPOSITION ET VACCIN ANTI-TUMORAL THERAPEUTIQUE**
[72] GODFRIN, YANN, FR
[72] MARCHAND, ALICE, FR
[73] ERYTECH PHARMA, FR
[85] 2010-02-03
[86] 2008-08-08 (PCT/EP2008/060492)
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[30] FR (0705767) 2007-08-08
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[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF STROKE OR CEREBROVASCULAR ACCIDENTS USING AN ETB RECEPTOR AGONIST**
[54] **PROCEDES DE TRAITEMENT DE L'ATTAQUE OU D'ACCIDENTS CEREBRO-VASCULAIRES A L'AIDE D'UN AGONISTE DU RECEPTEUR ET<SB>B</SB>**
[72] GULATI, ANIL, US
[73] MIDWESTERN UNIVERSITY, US
[85] 2010-02-12
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[51] **Int.Cl. G01C 21/00 (2006.01) G01S 19/48 (2010.01) B61L 25/02 (2006.01) G01S 19/50 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VITALLY DETERMINING POSITION AND POSITION UNCERTAINTY OF A RAILROAD VEHICLE EMPLOYING DIVERSE SENSORS INCLUDING A GLOBAL POSITIONING SYSTEM SENSOR**
[54] **METHODE ET SYSTEME D'IDENTIFICATION AU PREMIER CHEF DE LA POSITION ET DE LA MARGE D'ERREUR DE POSITION D'UN VEHICULE DE VOIE FERREE MUNI DE DIVERS CAPTEURS, Y COMPRIS UN CAPTEUR DE SYSTEME DE POSITIONNEMENT GLOBAL**
[72] HAYNIE, MICHAEL B., US
[72] LAURUNE, WILLIAM R., US
[73] ANSALDO STS USA, INC., US
[86] (2698053)
[87] (2698053)
[22] 2010-03-30
[30] US (12/480,354) 2009-06-08

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[51] **Int.Cl. E04C 2/04 (2006.01) E04C 2/38 (2006.01)**
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[54] **CONCRETE PANEL CORNER CONNECTION**
[54] **RACCORD DE COINS DE PANNEAUX DE BETON**
[72] DI LORENZO, NICK, CA
[73] MILLWICK ACQUISITION CORP., CA
[86] (2699121)
[87] (2699121)
[22] 2010-04-07
[30] US (61/167,383) 2009-04-07

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[13] C
[51] **Int.Cl. G01V 13/00 (2006.01) G01V 1/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CORRECTING THE TIMING FUNCTION IN A NODAL SEISMIC DATA ACQUISITION UNIT**
[54] **PROCEDE ET APPAREIL DE CORRECTION DE LA FONCTION DE SYNCHRONISATION DANS UNE UNITE NODALE D'ACQUISITION DE DONNEES SISMIQUES**
[72] RAY, CLIFORD H., US
[72] FISSELER, GLENN D., US
[72] GUYTON, WILLIAM, US
[73] FAIRFIELD INDUSTRIES INCORPORATED, US
[85] 2010-03-22
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[51] **Int.Cl. A61K 51/08 (2006.01) C07B 59/00 (2006.01)**
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[54] **SELECTIVE RADIOLABELING OF BIOMOLECULES**
[54] **RADIOMARQUAGE SELECTIF DE BIOMOLECULES**
[72] PADILLA DE JESUS, OMAYRA LIZ, US
[72] KOVACS, ERNEST WILLIAM, US
[72] GLASER, MATTHIAS EBERHARD, GB
[72] ARSTAD, ERIK, GB
[72] SYUD, FAISAL AHMED, US
[73] GENERAL ELECTRIC COMPANY, US
[73] GE HEALTHCARE LIMITED, GB
[85] 2010-05-06
[86] 2008-12-12 (PCT/EP2008/067413)
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[54] **MEDICAL HEMODIALYSIS CONTAINER INCLUDING A SELF SEALING VENT**
[54] **RECIPIENT MEDICAL POUR HEMODIALYSE COMPRENANT UN EVENT AUTO-OBTURANT**
[72] WEAVER, COLIN, US
[72] CRNKOVICH, MARTIN JOSEPH, US
[72] FOLDEN, THOMAS IRVIN, US
[73] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[86] (2706256)
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[22] 2010-06-03
[30] US (12/492,725) 2009-06-26

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[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2018.01) C07K 7/06 (2006.01) C07K 14/415 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C12N 15/82 (2006.01)**
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[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2010-06-07
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[13] C
[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **METHODS AND AGENTS FOR IMPROVING TARGETING OF CD138 EXPRESSING TUMOR CELLS**
[54] **PROCEDES ET AGENTS PERMETTANT D'AMELIORER LE CIBLAGE DE CELLULES TUMORALES EXPRIMANT CD138**
[72] DAELKEN, BENJAMIN, DE
[72] UHEREK, CHRISTOPH, DE
[72] ANDERSON, KENNETH, US
[72] HIDESHIMA, TERU, US
[72] BRUECHER, CHRISTOPH, DE
[72] OSTERROTH, FRANK, DE
[72] AIGNER, SILKE, DE
[72] GERMER, MATTHIAS, DE
[73] BIOTEST AG, DE
[73] DANA-FARBER CANCER INSTITUTE, INC., US
[73] IMMUNOGEN, INC., US
[85] 2010-06-22
[86] 2008-12-23 (PCT/EP2008/068270)
[87] (WO2009/080832)
[30] US (61/016,614) 2007-12-26
[30] US (61/087,590) 2008-08-08
[30] US (61/087,466) 2008-08-08

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[51] **Int.Cl. C25B 13/02 (2006.01) H01M 8/0258 (2016.01)**
[25] EN
[54] **BIPOLAR PLATE AND METHOD FOR ITS PRODUCTION**
[54] **PLAQUE BIPOLAIRE ET METHODE DE PRODUCTION**
[72] GAUGLER, BERND, DE
[72] KUNZ, CLAUDIA, DE
[73] REINZ-DICHTUNGS-GMBH, DE
[86] (2711210)
[87] (2711210)
[22] 2010-07-26
[30] DE (10 2009 036 039.5-45) 2009-08-03

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[25] EN
[54] **IMPLANT PELLETS AND METHODS FOR PERFORMING BONE AUGMENTATION AND PRESERVATION**
[54] **PASTILLES D'IMPLANT ET PROCEDES POUR EFFECTUER UNE AUGMENTATION ET UNE CONSERVATION D'OS**
[72] KAIGLER, DARNELL, SR., US
[73] INNOVATIVE HEALTH TECHNOLOGIES, LLC, US
[85] 2010-07-09
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[25] EN
[54] **METHODS AND APPARATUSES FOR CONVECTIVE POLYMERASE CHAIN REACTION (PCR)**
[54] **PROCEDES ET APPAREILS POUR UNE REACTION EN CHAINE PAR POLYMERASE (PCR) CONVECTIVE**
[72] CHEN, PEI-JER, TW
[72] CHEN, PING-HEI, TW
[72] CHOU, WEN-PIN, TW
[72] HSIEH, YI-FAN, TW
[72] YEH, SHIOU-HWEI, TW
[73] MEDIGEN BIOTECHNOLOGY CORP., TW
[85] 2010-07-22
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[54] **TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SUIVI**
[72] PROULX, CATHERINE, CA
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] BOUTIN, YANNICK, CA
[72] BRETON, YONIK, CA
[72] DUVAL, KARINE, CA
[72] PELLETIER, BENOIT, CA
[72] RICHARD, ALAIN, CA
[72] VALIN, MYRIAM, CA
[73] ORTHOSOFT INC., CA
[85] 2010-08-17
[86] 2009-03-25 (PCT/CA2009/000405)
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[30] US (61/039,184) 2008-03-25
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[13] C
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[72] THOMPSON, NATHAN, US
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[72] WOOD, NICHOLE LEA, US
[72] GROSSMANN, GREGORY ANDREW, US
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[54] **SYSTEMES ET PROCEDES POUR DETERMINER L'EMPLACEMENT ET LA PRESSION EXERCEE PAR UN TOUCHER SUR UN PAVE TACTILE**
[72] SAYNAC, XAVIER PIERRE-EMMANUEL, FR
[72] KORMENDY, ARPAD, CA
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[54] **PROCEDE ET APPAREIL POUR L'EXTRACTION D'UNE SUBSTANCE METALLIQUE D'UN FLUX DE FLUIDES DE COMPLETION CIRCULANT DANS UN PUITS DE PETROLE**
[72] WILLIAMSON, PAT, US
[72] BOUDREAUX, HOMER, US
[72] CALLEGARI, STEVE, US
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[72] KEEFE, ROBERT PAUL, US
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[54] **PROCEDES, SYSTEMES ET APPAREILS POUR UNE UTILISATION DANS LA MISE A JOUR D'UN SUPPORT DE STOCKAGE PORTABLE**
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[72] GOODSELL, DEVIN, US
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[72] SUGAHARA, HIROTO, JP
[72] OHASHI, TETSUYA, JP
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[54] **PLASTIFIANT POUR MATERIAUX POLYMERES THERMOPLASTIQUES**
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[54] **PROCEDE ET SYSTEME DE VALORISATION DE MATERIAUX ET/OU PRODUITS PAR PUISSANCE PULSEE**
[72] BENTAJ, ABDELAZIZ, FR
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[72] CLEMENT, JEAN LOUIS, FR
[72] TUTUSAUS, JEAN PIERRE, FR
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[54] **MODULATEURS DU REGULATEUR DE CONDUCTANCE TRANSMEMBRANAIRE DE LA MUCOVISCIDOSE**
[72] YANG, XIAOQING, US
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[72] GROOTENHUIS, PETER D. J., US
[72] VAN GOOR, FREDRICK F., US
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[73] EDITH COWAN UNIVERSITY, AU
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[72] DOUGAN, CHRISTINE HENDERSON, GB
[72] WATT, STEPHEN WILLIAM, GB
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[54] **PROCEDES ET APPAREIL DE SPECTROMETRE COMMANDE DE MANIERE INTELLIGENTE**
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[54] **PROCEDE POUR L'INHIBITION DE L'EMISSION DE MATIERE PARTICULAIRE PENDANT LE FROTTEMENT DE BOULETTES DE MINERAI DE FER TRAITE THERMIQUEMENT ET UTILISATION D'UN SOUS-PRODUIT ALCOOLIQUE POUR INHIBER L'EMISSION DE MATIERE PARTICULAIRE**
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[72] SILVA, CELSO DE JESUS, BR
[72] REIS, ANTONINO ALVES E SILVA, BR
[72] STEGMILLER, LEONIDIO, BR
[72] JUNIOR, ALDO GAMBERINI, BR
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[72] COINDRE, JEAN-MICHEL, FR
[72] AURIAS, ALAIN, FR
[73] INSTITUT CURIE, FR
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[54] **DISPOSITIF, DISPOSITIF FONCTIONNEL EXTERNE AINSI QU'APPAREIL DE TRAITEMENT POUR LE TRAITEMENT DE FLUIDES MEDICAUX**
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[72] SCHUMACHER, JOHN E., III(DECEASED), US
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[72] LI, FANXING, US
[72] ZENG, LIANG, US
[72] SRIDHAR, DEEPAK, US
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHODE DE DETECTION DE LA QUALITE D'ATTERRISSAGE D'UN AERONEF**
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[72] WU, JIAJU, CN
[72] WU, YUBIN, CN
[72] ZHU, YI, CN
[72] TANG, MINJIE, CN
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[72] QUINTERO, RUBEN DARIO RODRIGUEZ, GB
[72] DIAZ, ERNESTO MANUEL SANTANA, GB
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[54] **INDICATEUR SANITAIRE BASE SUR DES RESIDUELS A VARIABLES MULTIPLES POUR LA SURVEILLANCE DE LA SANTE D'UN ETRE HUMAIN**
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[54] **SYSTEME ET PROCEDE D'AGREGATION ET D'ASSOCIATION DE DONNEES D'AFFILIATION PROFESSIONNELLE AVEC DU CONTENU DE DONNEES COMMERCIALES**
[72] DEKKER, BETHANY, US
[72] NICODEMO, JOHN, US
[72] ROUNDS, KIM, US
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[54] **SYSTEME D'OXYDATION A REACTEUR SECONDAIRE A SOUTIRAGE LATERAL**
[72] SHAIKH, ASHFAQ, US
[72] WONDERS, ALAN GEORGE, US
[73] GRUPO PETROTEMEX, S.A. DE C.V., MX
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[54] **SYSTEMES ET PROCEDES POUR CONSTITUER UN OUTIL DE VALIDATION**
[72] MEHRA, GAURAV, US
[72] DALESSIO, JOHN ALEXANDER, US
[72] MILLER, MOLLY, US
[72] MANCHESTER, ALISON, US
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[73] SMITH, FREDERICK L., US
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[54] **DISPOSITIF DE SUPPORT POUR UN ENSEMBLE DE TRAITEMENT CUTANE**
[72] GODAYOL MARTI, ANTONI, ES
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[54] **PLATEAU ET DISPOSITIF PERMETTANT DE STABILISER UN PLATEAU**
[72] GRIEVE, ALISON, GB
[73] SAFETRAY PRODUCTS LIMITED, DE
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[54] **METHOD FOR RECYCLING SHEET MATERIAL COATED WITH A RELEASE AGENT AND USES OF THE THUS RECYCLED MATERIAL**
[54] **PROCEDE DE RECYCLAGE D'UNE FEUILLE ENDUITE D'UN AGENT ANTI-ADHERENT ET UTILISATIONS DE CE MATERIAU RECYCLE**
[72] VAN POTTELBERGH, ERIC, BE
[72] VERHASSELT, BART, BE
[73] RECULINER BVBA, BE
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[73] THYSSENKRUPP UHDE GMBH, DE
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[54] **COMPOSITIONS AQUEUSES STABLES DE POLYVINYLAMINES A AMIDON CATIONIQUE, ET INSTALLATION DE FABRICATION DE PAPIER**
[72] SUTMAN, FRANK J., US
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[72] GU, QU-MING, US
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[54] **DERIVES DE PYRIDINE ET DE PYRAZINE COMME MODULATEURS D'ACTIVITE CFTR**
[72] BAETTIG, URS, GB
[72] BALA, KAMLESH JAGDIS, GB
[72] BUDD, EMMA, GB
[72] EDWARDS, LEE, GB
[72] HOWSHAM, CATHERINE, GB
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[54] **COATING COMPOSITIONS FOR PACKAGING ARTICLES AND METHODS OF COATING**
[54] **COMPOSITIONS DE REVETEMENT POUR DES ARTICLES D'EMBALLAGE ET PROCEDES DE REVETEMENT**
[72] EVANS, RICHARD H., US
[72] NIEDERST, JEFFREY, US
[72] O'BRIEN, ROBERT M., US
[72] PROUVOST, BENOIT, FR
[72] ROMAGNOLI, KEVIN, US
[72] SCHUTTE, GRANT, US
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[54] **REACTIF DE TEST D'UN ANTICORPS ANTI-TREPONEMA PALLIDUM**
[72] HARA, YASUYUKI, JP
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[72] KAWAMOTO, MICHIKO, JP
[72] SATO, SHINYA, JP
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[54] **STRUCTURE FIBREUSE A ABSORPTION, BARRIERE DE PROTECTION ET LIBERATION DE LOTION**
[72] BRENNAN, JONATHAN PAUL, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] OSBORNE, JEFFREY LEN, US
[72] SNYDER, PAMELA MARIE, US
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[54] **EMULSIONS D'HUILE-DANS-L'EAU THERMIQUEMENT STABLES CONTENANT UNE HUILE QUI CONTIENT DES ACIDES GRAS POLYINSATURES**
[72] MAI, JIMBIN, US
[72] NEEDHAM, MICAH, US
[72] SU, GANG, US
[72] WANG-NOLAN, WEI, US
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[54] **ENSEMBLE CHARNIERE POUR UNE STRUCTURE DE CADRE**
[72] OETLINGER, FRANK E., US
[73] BLANKING SYSTEMS, INC., US
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[54] **PROCEDE ET APPAREIL DE TRANSFERT DANS UN SYSTEME DE COMMUNICATION MOBILE**
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[72] BLOEMER, PATRIK, SE
[72] LYONS, ANTHONY, GB
[73] AGELLIS GROUP AB, SE
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[25] FR
[54] **PROCESS FOR DEHYDRATION AND ISOMERIZATION OF C4 ALCOHOLS USING AN AMORPHOUS SOLID WITH SUITABLE POROSITY**
[54] **PROCEDE DE DESHYDRATATION ET D'ISOMERISATION D'ALCOOLS EN C4 UTILISANT UN SOLIDE AMORPHE A POROSITE ADAPTEE**
[72] COUPARD, VINCENT, FR
[72] MAURY, SYLVIE, FR
[72] SURLA, KARINE, FR
[73] IFP ENERGIES NOUVELLES, FR
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[54] **METHOD AND DEVICE FOR INSTALLING AN ELEVATOR IN AN ELEVATOR SHAFT**
[54] **PROCEDE ET DISPOSITIF D'INSTALLATION D'UN ASCENSEUR DANS UNE CAGE D'ASCENSEUR**
[72] MENCHINI, STEFANO, CH
[73] INVENTIO AG, CH
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[54] **SLEEVE SEAL ASSEMBLY AND ROTARY VALVE HAVING SLEEVE SEAL ASSEMBLY**
[54] **ENSEMBLE JOINT A MANCHON ET VANNE ROTATIVE POSSEDANT UN ENSEMBLE JOINT A MANCHON**
[72] COLLISON, RANDALL S., US
[72] BOVEE, LOREN L., US
[72] PROBASCO, TONYA, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **ROCK BOLT AND ROCK BOLT COMPONENT**
[54] **BOULON D'ANCRAGE ET COMPOSANTE DE BOULON D'ANCRAGE**
[72] STEYN, JOHANN, ZA
[73] RSC MINING (PTY) LTD., ZA
[86] (2798265)
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[30] ZA (2011/09056) 2011-12-09

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[54] **NICOTINIC RECEPTOR NON-COMPETITIVE ANTAGONISTS**
[54] **RECEPTEURS NICOTINIQUES UTILES COMME ANTAGONISTES NON COMPETITIFS**
[72] AKIREDDY, SRINIVASA RAO, US
[72] BHATTI, BALWINDER SINGH, US
[72] HEEMSTRA, RONALD JOSEPH, US
[72] MELVIN, MATT S., US
[72] SPEAKE, JASON, US
[72] XIAO, YUNDE, US
[72] YOHANNES, DANIEL, US
[73] TARGACEPT, INC., US
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[30] US (61/349,027) 2010-05-27
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[54] **CONTROL VALVE PRESSURE BLEED INSPECTION PORT**
[54] **ORIFICE D'INSPECTION DE PURGE DE PRESSION DANS UNE VALVE DE REGLAGE**
[72] WEARS, WILLIAM EVERETT, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2012-11-28
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[25] EN
[54] **FLEXIBLE HOSE STRUCTURE WITH AN INTERLACED REINFORCEMENT**
[54] **STRUCTURE DE TUYAU FLEXIBLE DOTE D'UN RENFORT ENTRELACE**
[72] MEZZALIRA, ALESSANDRO, IT
[72] NELTI, GIANNI, IT
[73] FITT S.P.A., IT
[85] 2012-12-11
[86] 2011-07-18 (PCT/IB2011/053197)
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[54] **MOVING PLATFORM INS RANGE CORRECTOR (MPIRC)**
[54] **CORRECTEUR DE PORTEE D'INS DE PLATEFORME MOBILE (MPIRC)**
[72] GEORGY, JACQUES, CA
[72] SYED, ZAINAB, CA
[72] GOODALL, CHRIS, CA
[72] EL-SHEIMY, NASER, CA
[72] NOURELDIN, ABOELMAGD, CA
[73] TRUSTED POSITIONING INC., CA
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[25] FR
[54] **DEVICE FOR INCORPORATING AND DISTRIBUTING SAND AND AGGREGATE IN SYNTHETIC GRASS**
[54] **DISPOSITIF DESTINE A L'EPANDAGE DE SABLE ET DE GRANULATS SUR UN GAZON SYNTHETIQUE**
[72] CUADRADO, JEAN-CLAUDE, FR
[73] CUADRADO, JEAN-CLAUDE, FR
[85] 2012-12-18
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[54] **USE OF ALPHA-AMINO ETHERS FOR THE REMOVAL OF MERCAPTANS FROM HYDROCARBONS**
[54] **UTILISATION D'ALPHA-AMINO ETHERS POUR ELIMINER DES MERCAPTANS CONTENUS DANS DES HYDROCARBURES**
[72] COMPTON, DENNIS R., US
[73] NALCO COMPANY, US
[85] 2013-01-14
[86] 2011-07-13 (PCT/US2011/043778)
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[51] **Int.Cl. C25C 3/22 (2006.01) B08B 15/00 (2006.01) F16K 1/22 (2006.01)**
[25] FR
[54] **INSTALLATION FOR COLLECTING GASES FROM A PLURALITY OF ELECTROLYSIS CELLS AND ADJUSTMENT DEVICE FOR SUCH AN INSTALLATION**
[54] **INSTALLATION POUR LA COLLECTE DES GAZ D'UNE PLURALITE DE CUVES D'ELECTROLYSE ET DISPOSITIF D'AJUSTEMENT POUR UNE TELLE INSTALLATION**
[72] MALARD, THIERRY, FR
[72] DE GROMARD, ANTOINE, FR
[72] LIM, CHIN, FR
[73] FIVE SOLIOS, FR
[85] 2013-01-18
[86] 2011-07-19 (PCT/FR2011/051738)
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[25] EN
[54] **DESUPERHEATERS HAVING VORTEX SUPPRESSION**
[54] **DESURCHAUFFEURS AVEC SUPPRESSION DU TOURBILLON**
[72] GEELHART, THEODORE PAUL, US
[72] BRETT, JOHN GRAHAM, US
[72] GOODWIN, JUSTIN PAUL, US
[72] DOYLE, JESSE CREIGHTON, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROJECTILE HAVING A DISCARDABLE SABOT**
[54] **PROJECTILE A SABOT EJECTABLE**
[72] ROSSMANN, RUDOLF, CH
[72] KETELHUT, KAI, CH
[72] BLACHE, ANDREAS, DE
[73] RWM SCHWEIZ AG, CH
[73] RHEINMETALL WAFFE MUNITION GMBH, DE
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[25] EN
[54] **METHOD AND APPARATUS FOR GENERATING A METRIC FOR USE IN ONE OR MORE OF LOCK DETECTION, SNR ESTIMATION, AND MODULATION CLASSIFICATION**
[54] **PROCEDE ET APPAREIL POUR GENERER UN PARAMETRE DE MESURE DESTINE A ETRE UTILISE DANS LA DETECTION DE L'ASSERVISSEMENT ET/OU L'ESTIMATION DU SNR ET/OU LA CLASSIFICATION DE MODULATIONS**
[72] LINN, YAIR, CA
[73] LINN-MAHLER HOLDINGS INC., CA
[85] 2013-03-15
[86] 2011-11-01 (PCT/CA2011/001220)
[87] (WO2012/058759)
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[51] **Int.Cl. A61K 9/113 (2006.01) A61K 9/107 (2006.01) A61K 31/728 (2006.01)**
[25] EN
[54] **NON-AQUEOUS OILY INJECTABLE FORMULATION EXHIBITING PRESERVATIVE EFFICACY**
[54] **FORMULATION INJECTABLE HUILEUSE NON AQUEUSE PRESENTANT UNE EFFICACITE DE CONSERVATION**
[72] SO, JIN EON, KR
[72] YEO, DONG JUN, KR
[72] JANG, YOON-SEON, KR
[73] LG LIFE SCIENCES, LTD., KR
[85] 2013-03-15
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[54] **FOOD PAN HAVING CORNER STRUCTURE**
[54] **PLAT A ALIMENTS AYANT UNE STRUCTURE DE COIN**
[72] TOSDALE, DAVID R., US
[72] MAYER, THERESA M., US
[72] MCGETTRICK, RONALD J., US
[73] THE VOLLRATH COMPANY, L.L.C., US
[85] 2013-03-21
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[25] FR
[54] **CONNECTING MODULE BETWEEN A DRIVE SHAFT OF AN ENGINE FAN AND A ROLLING ELEMENT BEARING**
[54] **BOITIER DE LIAISON ENTRE UN ARBRE D'ENTRAINEMENT DE SOUFFLANTE DE MOTEUR ET UN PALIER DE ROULEMENT**
[72] ANTUNES, SERGE LOUIS, FR
[72] MOULY, FRANCOIS, FR
[73] SNECMA, FR
[85] 2013-04-03
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[51] **Int.Cl. A61F 5/055 (2006.01) A41D 13/05 (2006.01)**
[25] EN
[54] **DYNAMICALLY REACTIVE SPINAL SUPPORT SYSTEM**
[54] **SYSTEME DE SUPPORT SPINAL DYNAMIQUEMENT REACTIF**
[72] JENKINS, ARTHUR L., III, US
[73] PEMAQUID HOLDINGS LLC, US
[85] 2013-04-15
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[51] **Int.Cl. F23D 11/24 (2006.01) F23R 3/28 (2006.01) F23R 3/50 (2006.01)**
[25] FR
[54] **INJECTION DEVICE FOR A TURBO MACHINE COMBUSTION CHAMBER**
[54] **DISPOSITIF D'INJECTION POUR UNE CHAMBRE DE COMBUSTION DE TURBOMACHINE**
[72] CORTES, THIERRY, FR
[72] CAMERIANO, LAURENT BERNARD, FR
[73] SNECMA, FR
[85] 2013-05-30
[86] 2012-01-25 (PCT/FR2012/050160)
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[51] **Int.Cl. G16H 10/60 (2018.01) G16H 70/20 (2018.01)**
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[54] **CLINICAL QUALITY ANALYTICS SYSTEM**
[54] **SYSTEME D'ANALYSE DE LA QUALITE CLINIQUE**
[72] GAINES, DANIEL ADAM, US
[72] KNICKREHM, MARK A., US
[72] WEBB, KENNETH, US
[72] BYL, LEILEI, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[85] 2013-06-28
[86] 2011-12-30 (PCT/US2011/068177)
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[51] **Int.Cl. D03D 25/00 (2006.01)**
[25] FR
[54] **WOVEN MULTILAYER FIBROUS STRUCTURE WITH A HOLLOW TUBULAR PART, FABRICATION PROCESS AND COMPOSITE PART CONTAINING IT**
[54] **STRUCTURE FIBREUSE TISSEE MULTICOUCHES AYANT UNE PARTIE TUBULAIRE CREUSE, PROCEDE DE FABRICATION ET PIECE COMPOSITE LA COMPORTANT**
[72] GODON, THIERRY, FR
[72] DAMBRINE, BRUNO JACQUES GERARD, FR
[73] SNECMA, FR
[85] 2013-07-10
[86] 2012-01-13 (PCT/FR2012/050087)
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[25] EN
[54] **ANTI-VIBRATION TUBE SUPPORT PLATE ARRANGEMENT FOR STEAM GENERATORS**
[54] **CONFIGURATION ANTI-VIBRATIONS DE PLAQUES PORTE-TUBES POUR GENERATEURS DE VAPEUR**
[72] WEPFER, ROBERT M., US
[72] PRABHU, PADMANABHA J., US
[73] WESTINGHOUSE ELECTRIC COMPANY LLC, US
[85] 2013-06-25
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[54] **STRAPS PRODUCED FROM RENEWABLE RAW MATERIALS**
[54] **BANDES DE CERCLAGE PRODUITE A PARTIR DE MATIERES PREMIERES RENOUVELABLES**
[72] EBERLE, ULRICH, DE
[73] MOSCA GMBH, DE
[85] 2013-07-17
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[54] **VETEMENT DE PROTECTION BALISTIQUE**
[72] TIRARD, FRANCK, FR
[73] SAGEM DEFENSE SECURITE, FR
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[51] **Int.Cl. E04B 9/00 (2006.01) E04B 9/04 (2006.01)**
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[54] **CORRUGATED ACOUSTICAL PANEL AND PRODUCTION METHOD**
[54] **PANNEAU ACOUSTIQUE ONDULE ET SON PROCEDE DE FABRICATION**
[72] ENGLERT, MARK, US
[72] YU, QING C., US
[73] USG INTERIORS, LLC, US
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[30] US (13/079,233) 2011-04-04

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[25] EN
[54] **FINANCIAL TRANSACTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSACTION FINANCIERE**
[72] SMYTHE, RICHARD STANLEY, AU
[73] MY LIFE IT (AUST) PTY LTD, AU
[85] 2013-10-04
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[54] **CHAIR HAVING MOVEABLE TABLET**
[54] **CHAISE DOTEE D'UNE TABLETTE MOBILE**
[72] VAN HEKKEN, HENDRIK R., US
[73] KNOLL, INC., US
[85] 2013-11-20
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[30] US (61/493,179) 2011-06-03
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[54] **ELECTROLYTE PURGATIVE**
[54] **PURGATIF ELECTROLYTIQUE**
[72] BORODY, THOMAS JULIUS, AU
[72] RAMRAKHA, SANJAY, AU
[72] SAXON, JOHN, AU
[72] WETTSTEIN, ANTONY, AU
[73] SALIX PHARMACEUTICALS, INC., US
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[25] EN
[54] **NETWORK DEVICE FOR PROTOCOL ALIGNMENT THROUGH RECURSIVE, TIME SENSITIVE EVENT-BASED MATCHING**
[54] **DISPOSITIF DE RESEAU POUR ALIGNEMENT DE PROTOCOLE PAR LE BIAIS D'UNE CORRESPONDANCE FONDEE SUR UN EVENEMENT SENSIBLE AU TEMPS ET RECURRENT**
[72] CARROLL, DENNIS, US
[72] VO, ANH-HOANG, US
[72] ACUNA, GERMAN, US
[72] LYNCH, CECIL O., US
[72] CREEN, ERICA, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[87] (2843363)
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[54] **MICROFILTRATION OF HUMAN MILK TO REDUCE BACTERIAL CONTAMINATION**
[54] **MICROFILTRATION DE LAIT HUMAIN POUR REDUIRE LA CONTAMINATION BACTERIENNE**
[72] FOURNELL, JOSEPH, US
[72] EAKER, SCOTT, US
[72] MONTOYA, ARMANDO, US
[73] PROLACTA BIOSCIENCE, INC., US
[85] 2014-02-03
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[30] US (61/514,673) 2011-08-03

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[54] **NOVEL PHOSPHONAMIDATES - SYNTHESIS AND FLAME RETARDANT APPLICATIONS**
[54] **SYNTHESE DE NOUVEAUX PHOSPHONAMIDATES ET UTILISATION COMME IGNIFUGE**
[72] GAAN, SABYASACHI, CH
[72] NEISIUS, MATTHIAS, CH
[72] MERCOLI, PRIMO, CH
[72] LIANG, SHUYU, CH
[72] MISPREUVE, HENRI, CH
[72] NASCHER, REINOLD, LI
[73] EMPA EIDGENOSSISCHE MATERIALPRUFUNGS-UND FORSCHUNGSANSTALT, DE
[73] FRITZ NAUER AG., CH
[85] 2014-02-07
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[30] EP (11176861.0) 2011-08-08

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[51] **Int.Cl. H04N 21/258 (2011.01) H04N 21/45 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONSUMER CONTROL OVER INTERACTIVE TELEVISION EXPOSURE**
[54] **SYSTEMES ET PROCEDES POUR LE CONTROLE D'UN CLIENT SUR UNE EXPOSITION A UNE TELEVISION INTERACTIVE**
[72] NOLAND, MADELEINE, US
[73] RAKUTEN, INC., JP
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[54] **CROSS RUNNER CONNECTOR AND MAIN RUNNER RECEIVING HOLE**
[54] **CONNECTEUR DE RAIL TRANSVERSAL ET TROU DE RECEPTION DE RAIL PRINCIPAL**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[72] LEHANE, JAMES J., US
[73] USG INTERIORS, LLC, US
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[30] US (61/532,755) 2011-09-09
[30] US (13/598,984) 2012-08-30

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[51] **Int.Cl. G01B 21/22 (2006.01) B66C 13/00 (2006.01) G01B 11/26 (2006.01)**
[25] EN
[54] **CONTROL SURFACE CALIBRATION SYSTEM**
[54] **SYSTEME D'ETALONNAGE DE SURFACE DE COMMANDE**
[72] YEELES, CHRISTOPHER J., US
[73] THE BOEING COMPANY, US
[86] (2848461)
[87] (2848461)
[22] 2014-04-02
[30] US (13/918,079) 2013-06-14

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[13] C
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[25] EN
[54] **BASKET STYLE CARDIAC MAPPING CATHETER HAVING AN ATRAUMATIC, METALLIC TWO-PART DISTAL TIP FOR DETECTION OF CARDIAC RHYTHM DISORDERS**
[54] **CATHETER DE MAPPAGE CARDIAQUE DE STYLE PANIER AYANT UNE POINTE DISTALE METALLIQUE A DEUX PARTIES ATRAUMATIQUE POUR LA DETECTION DE TROUBLES DE LA FREQUENCE CARDIAQUE**
[72] KORDIS, THOMAS F., US
[72] JOHNSON, ERIC T., US
[72] BURKE, PHILLIP C., US
[72] KENT, DARRIN J., US
[72] RAGLAND, ROBERT RYAN, US
[73] TOPERA, INC., US
[86] (2849511)
[87] (2849511)
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[62] 2,831,087
[30] US (61/478,340) 2011-04-22
[30] US (61/555,190) 2011-11-03

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[54] **METHOD AND APPARATUS FOR A REKEYABLE MASTER KEY LOCK**
[54] **PROCEDE ET APPAREIL POUR SERRURE A CLE MAITRESSE READAPTABLE**
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[73] SPECTRUM BRANDS, INC., US
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[54] **COUVERCLE A CONTENANT INTEGRE**
[72] BUCK, RONALD MARK, US
[73] BUCK, RONALD MARK, US
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[54] **LOCKOUT DEVICE FOR SWITCHGEAR**
[54] **DISPOSITIF DE VERROUILLAGE POUR APPAREILLAGE DE CONNEXION**
[72] GIEGER, JEFFREY S., US
[72] BINDICS, CHARLES, US
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2854112)
[87] (2854112)
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[25] EN
[54] **METHOD AND A SYSTEM FOR COMBINED HYDROGEN AND ELECTRICITY PRODUCTION USING PETROLEUM FUELS**
[54] **PROCEDE ET SYSTEME POUR UNE PRODUCTION COMBINEE D'HYDROGENE ET D'ELECTRICITE A L'AIDE DE CARBURANTS A BASE DE PETROLE**
[72] JAMAL, AQIL, SA
[72] PHAM, THANG, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-05-12
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[54] **TIRE**
[54] **PNEUMATIQUE**
[72] KAWAKAMI, YUKI, JP
[73] BRIDGESTONE CORPORATION, JP
[85] 2014-05-16
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[25] EN
[54] **FLEXIBLE MAT SCREENING APPARATUS WITH OFFSET SUPPORTS**
[54] **APPAREIL DE CRIBLAGE A TAPIS FLEXIBLE DOTE DE SUPPORTS DECALES**
[72] LAVEINE, ANDREW T., US
[73] ACTION VIBRATORY EQUIPMENT, INC., US
[85] 2014-05-22
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[25] EN
[54] **BALL SCREW AND POWER STEERING APPARATUS**
[54] **VIS SPHERIQUE ET APPAREIL DE DIRECTION ASSISTEE**
[72] FUJITA, HIROSHI, JP
[72] ITO, RYOTA, JP
[73] SHOWA CORPORATION, JP
[86] (2857799)
[87] (2857799)
[22] 2014-07-25
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[54] **METHOD OF DRILLING A WELL**
[54] **PROCEDE DE FORAGE D'UN PUITS**
[72] ELMBO, NIELS PETER, DK
[73] MAERSK SUPPLY SERVICE A/S, DK
[85] 2014-07-17
[86] 2013-01-18 (PCT/DK2013/050017)
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[54] **MOUNTING IN HUB FOR BLADES OF A HYDRO TURBINE**
[54] **MONTAGE DANS UN MOYEU POUR PALES D'UNE TURBINE HYDRAULIQUE**
[72] MERCIER, YVES, CA
[73] ANDRITZ HYDRO CANADA INC., CA
[85] 2014-08-05
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[54] **SCALABLE LASER WITH SELECTABLE DIVERGENCE**
[54] **LASER ECHELONNABLE A DIVERGENCE SELECTIONNABLE**
[72] GESKE, JONATHAN, US
[73] FLIR SYSTEMS, INC., US
[85] 2014-08-29
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[25] EN
[54] **EVALUATING CLAIMS IN A SOCIAL NETWORKING SYSTEM**
[54] **EVALUATION DE REVENDICATIONS DANS UN SYSTEME DE RESEAU SOCIAL**
[72] LESSIN, SAMUEL, US
[72] SITTIG, AARON, US
[72] SHAFFER, JUSTIN ALEXANDER, US
[73] FACEBOOK, INC., US
[85] 2014-10-03
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[51] **Int.Cl. E21B 43/295 (2006.01) E21B 43/24 (2006.01) E21B 43/38 (2006.01)**
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[54] **PRODUCTION OF METHANE FROM ABUNDANT HYDRATE DEPOSITS**
[54] **PRODUCTION DE METHANE A PARTIR DE DEPOTS ABONDANTS D'HYDRATE**
[72] SINGHE, UPENDRA WICKREMA, US
[73] SINGHE, UPENDRA WICKREMA, US
[86] (2871760)
[87] (2871760)
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[25] EN
[54] **ONE PIECE REVERSIBLE CLOSURES WITH CUSTOM REMOVABLE LINERS**
[54] **FERMETURES REVERSIBLES MONOBLOCS AVEC GARNITURES AMOVIBLES PERSONNALISEES**
[72] MICELI, DAVID A., US
[72] MICELI, JOSEPH A., US
[73] TRI STATE DISTRIBUTION, INC., US
[86] (2871813)
[87] (2871813)
[22] 2014-11-20
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[25] EN
[54] **PROCESS FOR DETERMINING THE INCOMPATIBILITY OF MIXTURES CONTAINING HEAVY AND LIGHT CRUDES**
[54] **PROCEDE POUR DETERMINER L'INCOMPATIBILITE DE MELANGES CONTENANT DES BRUTS LEGERS ET LOURDS**
[72] AQUINO OLIVOS, MARCO ANTONIO, MX
[72] AGUIRRE GUTIERREZ, ADRIANA DE JESUS, MX
[72] MENDOZA DE LA CRUZ, JOSE LUIS, MX
[72] GARCIA FLORES, BLANCA ESTELA, MX
[72] AGUILA HERNANDEZ, JACINTO, MX
[72] RAMOS CORZO, VERONICA, MX
[72] CEDILLO RAMIREZ, JUAN CARLOS, MX
[72] ZAMARRIPA JIMENEZ, OSCAR ALEJANDRO, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (2872383)
[87] (2872383)
[22] 2014-11-26
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[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING WELDING TYPE POWER USING MULTIPLE POWER MODULES**
[54] **PROCEDE ET APPAREIL DE FOURNITURE DE PUISSANCE DE TYPE SOUDAGE A L'AIDE DE MULTIPLES MODULES DE PUISSANCE**
[72] SCHARTNER, QUINN W., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-04
[86] 2013-07-15 (PCT/US2013/050568)
[87] (WO2014/018300)
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[30] US (13/837,075) 2013-03-15

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[54] **PROCESS FOR IMPROVED OPIOID SYNTHESIS**
[54] **PROCEDE POUR AMELIORER LA SYNTHESE D'OPIOIDES**
[72] MCCARTHY, KEITH, US
[72] GIGUERE, JOSHUA R., US
[72] GEBBIE, STUART JAMES, US
[72] RIDER, LONN S., US
[73] RHODES TECHNOLOGIES, US
[85] 2015-01-15
[86] 2013-07-15 (PCT/IB2013/001538)
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[54] **METHOD OF ESTABLISHING A NETWORK SOCKET WITH A DATA SERVER**
[54] **PROCEDE D'ETABLISSEMENT D'UNE INTERFACE DE CONNEXION RESEAU AVEC UN SERVEUR DE DONNEES**
[72] ZHAO, YI, CN
[72] SHEN, JIAZHONG, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-03-10
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[54] **PHYSIOLOGICAL MAPPING FOR ARRHYTHMIA**
[54] **MAPPAGE PHYSIOLOGIQUE POUR L'ARYTHMIE**
[72] DUBOIS, REMI, FR
[72] GEORGE, BRIAN P., US
[72] RAMANATHAN, CHARULATHA, US
[72] ZENG, QINGGUO, US
[72] STROM, MARIA, US
[72] VASUDEVAN, VENKATESH, US
[72] BOKAN, RYAN, US
[72] JIA, PING, US
[73] CARDIOINSIGHT TECHNOLOGIES, INC., US
[85] 2015-03-19
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[87] (WO2014/047405)
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[54] **WATERSLIDE RUN-OUT BOWL**
[54] **BASSIN DE CAPTAGE POUR GLISSOIRE D'EAU**
[72] HLYNKA, MARVIN R., CA
[73] WHITEWATER WEST INDUSTRIES LTD., CA
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[54] **IMPROVED SUPPORT FOR A MUDGUARD.**
[54] **SUPPORT AMELIORE POUR UN GARDE-BOUE.**
[72] LODI, LUIGI, IT
[73] LODI S.P.A., IT
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[54] **HEATING SYSTEM FOR HEATING FLUID IN A TANK**
[54] **SYSTEME DE CHAUFFAGE POUR LE CHAUFFAGE D'UN LIQUIDE DANS UN RESERVOIR**
[72] ROTTINGHAUS, VINCE, US
[73] ROTTINGHAUS, VINCE, US
[86] (2887480)
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[54] **SNAP-IN GANGABLE ELECTRICAL BOX**
[54] **BOITIER ELECTRIQUE ENCLENCHABLE A COMMANDE UNIQUE**
[72] LALANCETTE, DANIEL, CA
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2887710)
[87] (2887710)
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[54] **DEVICES AND METHODS RELATED TO DEPOSITED SUPPORT STRUCTURES**
[54] **DISPOSITIFS ET PROCEDES ASSOCIES A DES STRUCTURES DE SUPPORT DEPOSEES**
[72] CULLY, EDWARD H., US
[72] ESKAROS, SHERIF A., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-04-14
[86] 2013-10-30 (PCT/US2013/067432)
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[54] **WIND AND WATER RESISTANT BACK WRAP ROOF EDGE TERMINATION**
[54] **TERMINAISON DE BORDURE DE TOIT AVEC ENVELOPPE DE DOS A L'EPREUVE DU VENT ET HYDRORESISTANTE**
[72] KELLY, THOMAS L., US
[73] KELLY, THOMAS L., US
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[87] (2889407)
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[25] EN
[54] **ASSEMBLY METHOD FOR VEHICLE BODY AND ASSEMBLY DEVICE FOR SAME**
[54] **PROCEDE D'ASSEMBLAGE POUR CARROSSERIE DE VEHICULE ET SON DISPOSITIF D'ASSEMBLAGE**
[72] NAKAMURA, SHINSUKE, JP
[72] SATO, HAYATO, JP
[72] TAKEUCHI, KOICHI, JP
[72] WATANABE, YASUSHI, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2015-05-27
[86] 2013-12-25 (PCT/JP2013/084669)
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[30] JP (2012-287431) 2012-12-28
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[54] **POWERED SURGICAL STAPLING DEVICE PLATFORM**
[54] **PLATEAU A COMMANDE ELECTRIQUE D'AGRAFEUSE CHIRURGICALE**
[72] ZEMLOK, MICHAEL, US
[72] RACENET, DAVID C., US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2894076)
[87] (2894076)
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[25] EN
[54] **STAINLESS STEEL PIPE WITH EXCELLENT EROSION RESISTANCE AND MANUFACTURING METHOD THEREOF**
[54] **TUYAU EN ACIER INOXYDABLE DOTE D'UNE EXCELLENTE RESISTANCE A L'EROSION ET SON PROCEDE DE FABRICATION**
[72] KIM, KWANG YUK, KR
[72] AHN, DEOK CHAN, KR
[72] CHAE, DONG CHUL, KR
[72] ROTH, HUGH, CA
[73] POSCO, KR
[73] SYNCRUDE CANADA LTD., CA
[85] 2015-06-18
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[25] EN
[54] **MIXED DISULFIDE CONJUGATES OF THIENOPYRIDINE COMPOUNDS AND USES THEREOF**
[54] **CONJUGUES DISULFURE MIXTES DE COMPOSES DE THIENOPYRIDINE ET LEURS UTILISATIONS**
[72] ZHANG, HAOMING, US
[72] HOLLENBERG, PAUL, US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2015-07-06
[86] 2014-01-06 (PCT/US2014/010348)
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[25] EN
[54] **ORAL TRANSMUCOSAL DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'UN MEDICAMENT PAR VOIE ORALE TRANSMUQUEUSE**
[72] AHMED, SALAH U., US
[72] ZU, YANMING, US
[72] NEELAM, KARUNAKAR, US
[72] MUNTAZIM, SAAD, US
[72] CHOWDHURY, TAHSEEN A., US
[72] TIAN, SHIYING, US
[73] ABON PHARMACEUTICALS, LLC, US
[85] 2015-05-13
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[30] US (61/726,475) 2012-11-14

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[25] EN
[54] **METHOD FOR STRETCHING A CABLE**
[54] **METHODE D'ETIRAGE D'UN CABLE**
[72] GIGLIOLI, ROMANO, IT
[72] LUTZEMBERGER, GIOVANNI, IT
[72] SANI, LUCA, IT
[72] COLLEONI, MATTEO, IT
[72] OSCAR, ALBERTO, IT
[72] VITALI, MAURIZIO, IT
[73] TESMEC S.P.A., IT
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[25] EN
[54] **SASH POSITION DETERMINING SYSTEM**
[54] **SYSTEME DE DETERMINATION DE POSITION DE VOLET A GUILLOTINE**
[72] CHARLES, DONALD E., US
[72] CALIENDO, GUY P., US
[73] SIEMENS INDUSTRY, INC., US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027970)
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[30] US (13/832,690) 2013-03-15

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[25] EN
[54] **SMART HVAC MANIFOLD SYSTEM**
[54] **SYSTEME DE COLLECTEUR HVAC INTELLIGENT**
[72] YENNI, EDWARD, US
[72] VIELHABER, TIMOTHY, US
[72] RODGERS, DAVID, US
[72] PODHRADSKY, JOHN, US
[72] BERGMANN, JAMES L., US
[72] SPOHN, WILLIAM P., US
[72] NORTHRUP, WILLIAM, US
[72] BONITATI, ROBERT JAMES, US
[73] NORTH PARK INNOVATIONS GROUP INC., US
[85] 2015-09-14
[86] 2014-01-21 (PCT/US2014/012324)
[87] (WO2014/149174)
[30] US (61/793,660) 2013-03-15

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[25] EN
[54] **METHOD FOR PROCESSING VANADIUM-TITANIUM MAGNETITE FINISHED ORES BY USING WET PROCESS**
[54] **PROCEDE DE TRAITEMENT PAR VOIE HUMIDE DE MINERAIS FINIS DE MAGNETITE DE VANADIUM-TITANE**
[72] QI, TAO, CN
[72] WANG, LINA, CN
[72] CHEN, DESHENG, CN
[72] ZHAO, HONGXIN, CN
[72] LIU, YAHUI, CN
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[72] QU, JINGKUI, CN
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[54] **COFFRET DE SECURITE EN FORME DE L DESTINE A UN GUICHET AUTOMATIQUE**
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[72] FOCKLER, GREGORY, US
[72] KRAFT, DAVE, US
[72] KANSA, ROBERT, US
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[72] EASTMAN, JEFFREY, US
[72] BESKITT, WILLIAM D., US
[72] JENKINS, RANDALL, US
[72] SZABAT, WALTER J., US
[72] MLEZIVA, ROY, US
[72] WANG, ZEN Y., US
[72] VAISHNAV, DOLAR HARSHADRAI, US
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[72] FELT, DENNIS, US
[72] HOLLIFIELD, DAVID, US
[72] MAGEE, PAUL D., US
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[72] BARNETT, ROBERT W., US
[72] TUROCY, KENNETH, US
[72] WATSON, TIMOTHY, US
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[72] SCHOEFFLER, DANIEL, US
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[54] **PROCEDE ET APPAREIL DESTINE A UNE UNITE D'INJECTION DE FLUIDE IN SITU**
[72] PINDIPROLU, SAIRAM KS, IN
[72] GAJJI, BHARGAV, IN
[72] PANGU, GANESH SHRINIWAS, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PYRIDO[1,2-A]PYRIMIDIN-4-ONE DERIVATIVES AND THEIR USE IN THE TREATMENT OF SEXUAL DISORDERS**
[54] **DERIVES DE PYRIDO[1,2-A]PYRIMIDIN-4-ONE ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES SEXUELS**
[72] TWOROWSKI, DMITRY, IL
[72] MATSIEVITCH, RON, IL
[72] KOGAN, VLADIMIR, IL
[73] ATIR HOLDING S.A., LU
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[54] **VERROU AMELIORE POUR DEPLOIEMENT D'UN CONTENANT D'OXYGENE D'URGENCE**
[72] KSHIRSAGAR, GIRISH, US
[72] MCDONALD, TOM, US
[72] NADUKUDIYIL, DOMINIC, US
[73] B/E AEROSPACE, INC., US
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[54] **A SYSTEM FOR MOVING AN ANATOMICAL MODEL OF A FETUS INSIDE A MANNEQUIN HAVING A BIRTH CANAL AND A CHILDBIRTH SIMULATOR**
[54] **SYSTEME POUR DEPLACER UN MODELE ANATOMIQUE D'UN F□TUS A L'INTERIEUR D'UN MANNEQUIN AYANT UNE FILIERE PELVIGENITALE, ET SIMULATEUR DE NAISSANCE**
[72] LAVIGUEUR, MAXIME, CA
[72] HALBERT, GARY, US
[72] MALLACI, GIUSEPPE, CA
[72] FERNANDEZ, DANIEL, US
[72] CARON, FRANCOIS, CA
[73] CAE HEALTHCARE CANADA INC., CA
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[54] **FILM DE TRANSFERT METALLIQUE A BRILLANT ELEVE EN POLYESTER LIBERABLE**
[72] MORITZ, JAN, US
[73] TORAY PLASTICS (AMERICA), INC., US
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[54] **MEDICAL DEVICE DEPLOYMENT SYSTEM**
[54] **SYSTEME DE DEPLOIEMENT DE DISPOSITIF MEDICAL**
[72] CHOUINARD, BRIAN D., US
[72] FRIEDMAN, NATHAN L., US
[72] LOPEZ, JOSUE, US
[72] MCDANIEL, THOMAS R., US
[72] ZUKOWSKI, STANISLAW L., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **COUVERCLE DE GRIL PLIABLE**
[72] REISCHMANN, MICHAEL, US
[73] KENYON INTERNATIONAL, INC., US
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[54] **TRICYCLIC BENZOXABOROLE COMPOUND, PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSE DE BEZOXABOROLE TRICYCLIQUE, SON PROCEDE DE PREPARATION, ET SON UTILISATION**
[72] KIM, SOON-HOE, KR
[72] IM, WEON-BIN, KR
[72] HA, SEUNG-BUM, KR
[72] PARK, JUNG-SANG, KR
[72] KIM, MI-YEON, KR
[72] CHOI, SUNG-HAK, KR
[72] SUNG, HYUN-JUNG, KR
[73] DONG-A ST CO., LTD., KR
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[54] **ESTIMATION AND CALIBRATION OF DOWNHOLE BUCKLING CONDITIONS**
[54] **ESTIMATION ET CALIBRAGE DES CONDITIONS DE DEFORMATION DE TROU VERS LE BAS**
[72] SAMUEL, ROBELLO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **GENE CAPABLE OF INCREASING SEED PROTEIN CONTENT AND METHOD OF USE THEREOF**
[54] **GENE CAPABLE D'AUGMENTER LA TENEUR EN PROTEINES DANS UNE SEMENCE, ET SON PROCEDE D'UTILISATION**
[72] YONEKURA, MADOKA, JP
[72] OHTO, CHIKARA, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] TAKAGI, MASARU, JP
[72] MATSUI, KYOKO, JP
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[54] **BARRIERE DE SECURITE POUR TERRASSE OU VERANDA**
[72] GREEN, GUERRY E., US
[73] MARHAYGUE, LLC, US
[86] (2919993)
[87] (2919993)
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[54] **DOWNHOLE GRADIOMETRIC RANGING UTILIZING TRANSMITTERS & RECEIVERS HAVING MAGNETIC DIPOLES**
[54] **TELEMETRIE GRADIOMETRIQUE EN FOND DE TROU EMPLOYANT DES EMETTEURS ET DES RECEPTEURS AVEC DIPOLES MAGNETIQUES**
[72] DONDERICI, BURKAY, US
[72] GUNER, BARIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS OF SEPARATING IMPURITIES FROM INDUSTRIAL MINERALS USING ELECTROCOAGULATION**
[54] **PROCEDES POUR SEPARER DES IMPURETES DE MINERAUX INDUSTRIELS A L'AIDE D'UNE ELECTROCOAGULATION**
[72] LANDIS, CHARLES, US
[72] STONE, SHANTEL J., US
[72] NIELSEN, BRYAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[73] WATER TECTONICS, INC., US
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[54] **COMPOSITION CONTAINING MONOACETYLDIGLYCERIDE COMPOUND AS ACTIVE INGREDIENT FOR PREVENTING OR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE**
[54] **COMPOSITION CONTENANT UN COMPOSE MONOACETYLDIACYLGLYCEROL COMME PRINCIPE ACTIF POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES PULMONAIRES OBSTRUCTIVES CHRONIQUES**
[72] OH, SEI-RYANG, KR
[72] AHN, KYUNG SEOP, KR
[72] LEE, SU UI, KR
[72] SHIN, IN SIK, KR
[72] KWON, OK-KYOUNG, KR
[72] KIM, SEUNG HYUNG, KR
[72] CHUN, CHAN MI, KR
[72] SOHN, KI YOUNG, KR
[72] KANG, JONGKOO, KR
[72] KIM, HYE KYUNG, KR
[73] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[73] ENZYCHEM LIFESCIENCES CORPORATION, KR
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[54] **DOWNHOLE COMMUNICATION BETWEEN WELLBORES UTILIZING SWELLABLE MATERIALS**
[54] **COMMUNICATION DE FOND DE TROU ENTRE DES PUITS DE FORAGE A L'AIDE DE MATERIAUX DILATABLES**
[72] HESS, JOSEPH E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PATIENT SIMULATION SYSTEM ADAPTED FOR INTERACTING WITH A MEDICAL APPARATUS**
[54] **SYSTEME DE SIMULATION DE PATIENT ADAPTE POUR UNE INTERACTION AVEC UN APPAREIL MEDICAL**
[72] AZEVEDO, HUGO, CA
[73] CAE HEALTHCARE CANADA INC., CA
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[54] **USE OF ETHYLENE DIAMINE METAL COMPLEXES TO DELIVER HIGHLY ABSORBABLE METALS FOR ANIMAL NUTRITION**
[54] **UTILISATION DE COMPLEXES METALLIQUES D'ETHYLENE DIAMINE EN VUE DE DELIVRER DES METAUX HAUTEMENT ABSORBABLES POUR LA NUTRITION ANIMALE**
[72] STARK, PETER A., US
[72] KENDING, CORY SHAWN, US
[73] ZINPRO CORPORATION, US
[85] 2016-03-11
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[54] **DRILL-IN FLUIDS COMPRISING NANOPARTICULATES FOR CONSOLIDATING SUBTERRANEAN FORMATIONS WHILE DRILLING**
[54] **FLUIDES DE FORAGE EN CONTROLE PERMANENT COMPRENANT DES NANOPARTICULES POUR LA CONSOLIDATION DE FORMATIONS SOUTERRAINES PENDANT LE FORAGE**
[72] NGUYEN, PHILIP D., US
[72] VO, LOAN K., US
[72] HALL, LEE J., US
[72] JAMISON, DALE E., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND APPARATUS FOR EVALUATING DOWNHOLE CONDITIONS THROUGH RFID SENSING**
[54] **PROCEDES ET APPAREIL POUR L'EVALUATION DE CONDITIONS DE FOND DE TROU PAR DETECTION RFID**
[72] GOODWIN, SCOTT, US
[72] ROBERSON, MARK W., US
[72] RODDY, CRAIG W., US
[72] RAVI, KRISHNA M., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD AND APPARATUS FOR DETECTING OCCLUSIONS IN AN AMBULATORY INFUSION PUMP**
[54] **PROCEDE ET APPAREIL DE DETECTION D'OCCLUSIONS DANS UNE POMPE DE PERFUSION AMBULATOIRE**
[72] MOBERG, SHELDON B., US
[72] HANSON, IAN B., US
[72] TALBOT, CARY D., US
[73] MEDTRONIC MINIMED, INC., US
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[54] **MACHINERY FRAME FOR A ROLLER CRUSHER**
[54] **CHASSIS DE MACHINERIE DESTINE A UN BROYEUR A ROULEAUX**
[72] PETACK, BURKHARD, DE
[72] SCHMIDT, MARKO, DE
[72] EBENHAN, KARSTEN, DE
[72] NEUFELDT, PATRICK, DE
[73] TAKRAF GMBH, DE
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[54] **FOAM GLASS INTEGRATED PLATE EFFECTIVE IN WATER AND FIRE PROOFING, THERMAL INSULATION AND DECORATION**
[54] **PLAQUE INTEGREE DE VERRE CELLULAIRE EFFICACE EN TERMES D'HYDROFUGATION ET D'IGNIFUGATION, D'ISOLATION THERMIQUE ET DE DECORATION**
[72] ZHANG, YONGFU, CN
[72] ZHANG, CHUNHUA, CN
[72] HUANG, XIAOBIN, CN
[73] ZHEJIANG ZHENSHEN INSULATION TECHNOLOGY CORPORATION LIMITED, CN
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[54] **CONNECTING DEVICE AND SHOWER DOOR ASSEMBLY INCLUDING THE CONNECTING DEVICE**
[54] **DISPOSITIF DE CONNEXION ET ENSEMBLE DE PORTE DE DOUCHE COMPRENANT LE DISPOSITIF DE CONNEXION**
[72] WEI, WUXIANG, CN
[73] IDEAL SANITARY WARE CO., LTD., CN
[85] 2016-05-30
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[54] **OUTDOOR PACK WITH COMPANION FRAME**
[54] **SAC DE PLEIN AIR COMPORTANT UN CADRE D'ACCOMPAGNEMENT**
[72] ROBERT, JAY, US
[72] MAKOS, TIMOTHY S., US
[73] PLANO MOLDING COMPANY, US
[85] 2016-06-28
[86] 2014-12-31 (PCT/US2014/073060)
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[54] **SETTABLE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DURCISSABLES ET METHODES D'UTILISATION**
[72] AGAPIOU, KYRIACOS, US
[72] MARTINEZ, JUAN HUMBERTO, US
[72] PISKLAK, THOMAS JASON, US
[72] GOEL, VIVEK S., US
[72] BROTHERS, LANCE EVERETT, US
[72] IVERSON, BENJAMIN J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **PACKAGE-STORAGE TYPE ENGINE GENERATOR**
[54] **GENERATEUR DE MOTEUR DE TYPE GARNITURE-STOCKAGE**
[72] TERADA, RURIKO, JP
[72] KAWANO, TATSUYA, JP
[73] YANMAR CO., LTD., JP
[85] 2016-08-11
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/46 (2006.01)**
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[54] **DYNAMIC ALLOCATION OF NETWORK BANDWIDTH**
[54] **AFFECTATION DYNAMIQUE DE BANDE PASSANTE DE RESEAU**
[72] OWEN, AARON, US
[72] HUTCHINSON, CRAIG, US
[73] VICIDIEM HOLDINGS, LLC, US
[85] 2016-08-26
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[54] **NOVEL POLYSACCHARIDE IMMUNOGENS FROM CLOSTRIDIUM DIFFICILE**
[54] **NOUVEAUX POLYSACCHARIDES IMMUNOGENES ISSUS DE CLOSTRIDIUM DIFFICILE**
[72] MONTEIRO, MARIO ARTUR, CA
[72] GANESHAPILLAI, JEYABARATHY, CA
[73] UNIVERSITY OF GUELPH, CA
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[54] **METHOD, DEVICE, AND PROGRAM FOR IMAGE PROCESSING**
[54] **METHODE, APPAREIL ET PROGRAMME DE TRAITEMENT D'IMAGE**
[72] IRIE, HIRONORI, JP
[72] TERASHITA, TOSHIYUKI, JP
[72] SASAKI, TOMOHIKO, JP
[73] RICOH COMPANY, LTD., JP
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[54] **ANTIMICROBIAL COMPOSITION COMPRISING LAURIC ARGINATE ETHYL ESTER AND HYDROGEN PEROXIDE**
[54] **COMPOSITION ANTIMICROBIENNE RENFERMANT DE L'ESTER D'ARGINATE D'ETHYLE LAURIQUE ET DU PEROXYDE D'HYDROGENE**
[72] DAIGLE, FRANCOIS, CA
[73] MICROBIO SOLUTIONS INC., CA
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[54] **IMPROVING SHEAR BOND STRENGTH OF SET CEMENT**
[54] **AMELIORATIONS APPORTEES A LA RESISTANCE D'ADHESION AU CISAILLEMENT D'UN CIMENT DURCI**
[72] KARCHER, JEFFERY DWANE, US
[72] JONES, PAUL JOSEPH, US
[72] ROWE, MISTY DAWN, US
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[73] KMA CONCEPTS LIMITED, CN
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[54] **METHOD AND SYSTEM FOR CUTTING AND PLACING NOSE WIRES IN A FACEMASK MANUFACTURING PROCESS**
[54] **METHODE ET SYSTEME DE COUPE ET POSITIONNEMENT DE FILS DE NEZ DANS UN PROCEDE DE FABRICATION DE MASQUE FACIAL**
[72] PAMPERIN, MARK THOMAS, US
[72] HARRIS, NATHAN CRAIG, US
[72] WEBER, JOSEPH P., US
[72] HOUDE, AJAY Y., US
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[54] **SYSTEMS, METHODS, AND DEVICES FOR SYNCHRONIZATION SOURCE SELECTION FOR DEVICE-TO-DEVICE COMMUNICATION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DESTINES A UNE SELECTION DE SOURCE DE SYNCHRONISATION POUR UNE COMMUNICATION DE DISPOSITIF A DISPOSITIF**
[72] HE, HONG, CN
[72] KHORYAEV, ALEXEY, RU
[72] CHATTERJEE, DEBDEEP, US
[72] SHILOV, MIKHAIL, RU
[72] ZONG, PINGPING, US
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[72] WANG, JIAN DONG, AU
[72] BROWN, MICHAEL ANDREW, AU
[73] OUTOTEC OYJ, FI
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[54] **SIMULATEUR CONFIGURABLE AVEC DES CAPACITES DE TEST**
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[54] **LAMPE DEL DOTEE D'UN PUITS THERMIQUE FLEXIBLE**
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[54] **INERTING SYSTEM FOR A FUEL RESERVOIR IN AN AIRCRAFT, DESIGNED TO CALCULATE THE QUANTITY OF OXYGEN PRESENT IN AN INERTING GAS INJECTED INTO THE SAID RESERVOIR**
[54] **SYSTEME D'INERTAGE D'UN RESERVOIR DE CARBURANT D'UN AERONEF, ADAPTE POUR CALCULER LA QUANTITE D'OXYGENE PRESENTE DANS UN GAZ D'INERTAGE INJECTE DANS LEDIT RESERVOIR**
[72] REYNARD, BRUNO, FR
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[73] ZODIAC AEROTECHNICS, FR
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[54] **PLAQUETTE DE COUPE DOUBLE FACE ET OUTIL DE FRAISAGE**
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[54] **APPAREIL, METHODE ET DISPOSITIF DE DETECTION DE COURANT CC**
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[72] LEE, TOM LIK-CHUNG, US
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[54] **SYSTEME DE SYNCHRONISATION DE ROUTAGE INTELLIGENT ET PROCEDES DE SOCIABILISATION D'UNE REDIFFUSION DE SYNTHESE ET FLUX DE GROUPE**
[72] SAVENOK, ALEXANDER, US
[72] SAVENOK, PAVEL, US
[72] LEEKLEY, GREGORY H., US
[72] SAVENOK, DAVID, US
[72] EASON, HAROLD R., US
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[54] **LIPIDES DESTINES A LA TRANSFECTION DE CELLULES EUCARYOTES**
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[54] **DISPOSITIF DE FORMATION D'IMAGE, UNITE D'ECHANGE ET PROCEDE POUR DETERMINER UNE UNITE D'ECHANGE**
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[72] ARIKAWA, HIROO, JP
[72] KUWANA, YUJI, JP
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[54] **METHODES ET APPAREIL DESTINES A AUGMENTER LA PRODUCTION DE FLUIDE D'UN PUITS**
[72] NADKRYNECHINY, RICK, CA
[73] T-RAM CANADA, INC., CA
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[54] **SYSTEMS AND METHODS TO PERFORM ASSAYS FOR DETECTING OR QUANTIFYING ANALYTES WITHIN SAMPLES**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'EFFECTUER DES DOSAGES AFIN DE DETECTER OU DE QUANTIFIER DES ANALYTES DANS DES ECHANTILLONS**
[72] CARRICK, JAMES M., US
[72] DAVIS, CHRISTOPHER BRANDON, US
[72] HEINZ, ROBERT E., US
[72] KNIGHT, BYRON J., US
[72] LAIR, GARY D., US
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[72] LIGHT, JAMES P., US
[72] MACIOSZEK, JERZY A., US
[72] NGUYEN, THANH N., US
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[73] GEN-PROBE INCORPORATED, US
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[54] **BAC DE DOUCHE SUR REVETEMENT D'ETANCHEITE COMPRENANT UN SIEGE**
[72] ERIKSSON, LEONARD, US
[73] INNOVATIVE LEAK SOLUTIONS, INC., US
[85] 2017-06-09
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[54] **ASSEMBLY FOR LIFTING OR SUPPORTING A LOAD, AND MEMBERS AND CONNECTORS FOR USE IN SAME**
[54] **DISPOSITIF DE SOULEVEMENT OU SUPPORT D'UNE CHARGE, ET ELEMENTS ET CONNECTEURS DESTINES AUDIT DISPOSITIF**
[72] SPRONKEN, JOHN RENE, CA
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[54] **METHOD FOR PROCESSING LIQUID RADIOACTIVE WASTE AND FOR THE RECOVERY THEREOF**
[54] **PROCEDE DE TRAITEMENT DE DECHETS RADIOACTIFS LIQUIDES ET DE RECYCLAGE DE CES DERNIERS**
[72] REMEZ, VICTOR PAVLOVICH, RU
[73] EKSORB LTD, RU
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[72] SCHULTZ, ROGER L., US
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[54] **AGENTS AMELIORANT L'INDICE DE VISCOSITE ET AGENTS DE REGULATION DE FILTRATION A UTILISER DANS DES OPERATIONS SOUTERRAINES A TEMPERATURE ELEVEE**
[72] GALINDO, KAY ANN, US
[72] DEVILLE, JAY PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DETONATOR PACKAGING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME D'EMBALLAGE DE DETONATEUR**
[72] OLIVARES, CESAR A., CL
[72] RIVERA, LEONARDO G., US
[72] THOMAS, J. DONALDSON, US
[73] DYNO NOBEL INC., US
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[54] **DISPLAY SYSTEMS USING FACIAL RECOGNITION FOR VIEWERSHIP MONITORING PURPOSES**
[54] **SYSTEMES D'AFFICHAGE UTILISANT LA RECONNAISSANCE FACIALE A DES FINS DE SURVEILLANCE DE PERSONNES REGARDANT DES DISPOSITIFS D'AFFICHAGE**
[72] TAGO, CHARLIE, CA
[72] WANG, DAVID, CN
[72] RANGINYA, TAGO, AE
[72] HIEBERT, JEFF[illegible]Y, CA
[73] IDK INTERACTIVE INC., CA
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[54] **PROCEDE DE PRODUCTION DE COMPOSITIONS DE POLYMERE DE POLYPROPYLENE**
[72] LESKINEN, PAULI, FI
[72] WANG, JINGBO, AT
[72] LILJA, JOHANNA, FI
[72] GAHLEITNER, MARKUS, AT
[73] BOREALIS AG, AT
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[54] **CHARIOT A GRAIN DOTE D'UNE VIS A GRAIN PLIANTE**
[72] VAN MILL, MICHAEL D., US
[72] SCHILIMGEN, RONALD J., US
[72] WALVATNE, JOHN, US
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[73] UNVERFERTH MANUFACTURING COMPANY, INC., US
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[54] **CLAMP TOOL FOR DISENGAGING A BELT CLUTCH ASSEMBLY ENGAGED ON A DRIVE BELT**
[54] **PINCE-OUTIL SERVANT A DEGAGER UN MECANISME D'EMBRAYAGE A COURROIE ENGAGE SUR UNE COURROIE D'ENTRAINEMENT**
[72] BOUDRIAU, PIERRE, CA
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[22] 2016-10-27
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[54] **REDRESSEUR INERTIEL SECURITAIRE**
[72] LUEBKE, JUERGEN, CA
[71] OCTAGON ENERGY SERVICES INC., CA
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[54] **SYSTEME DE CROISSANCE COMMERCIALE A BIOPASTILLE POUR SOL INTERIEUR, CULTURE AGROPONIQUE OU HYDROPONIQUE VERTE EN HAUTEUR**
[72] LA-ROSE, KEVIN L., ZZ
[72] MCLEISH, ROY G., ZZ
[71] CANADA'S OWN GREENLAND ORGANIC MEDICAL PRODUCTS INC., CA
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[54] **QUICK, INFORMATIVE, VARIABLE-SPEED, HANDS-FREE WEB-SITE**
[54] **SITE WEB MAIN LIBRE A VITESSE VARIABLE, INFORMATIF, RAPIDE**
[72] IGWE, GODWILL MBA, CA
[71] IGWE, GODWILL MBA, CA
[22] 2016-10-24
[41] 2018-04-24

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[51] **Int.Cl. C07C 5/327 (2006.01) B01D 53/22 (2006.01) B01D 71/02 (2006.01) C10B 57/00 (2006.01)**
[25] EN
[54] **USE OF SEMIPERMEABLE MEMBRANES IN CRACKING COILS**
[54] **UTILISATION DE MEMBRANES SEMI-PERMEABLES DANS LES SERPENTINS DE CRAQUAGE**
[72] BENUM, LESLIE WILFRED, CA
[72] KOSELEK, MICHAEL EDWARD, CA
[72] SIMANZHENKOV, VASILY, CA
[72] FARAG, HANY ISKANDAR, CA
[72] MAH, EVAN GEEVOUY, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2016-10-25
[41] 2018-04-25

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[13] A1
[51] **Int.Cl. B25J 17/00 (2006.01) B25J 18/00 (2006.01)**
[25] EN
[54] **IMPROVED REMOTE CENTRE OF MOTION MECHANISM**
[54] **CENTRE DISTANT AMELIORE DE MECANISME DE MOUVEMENT**
[72] CHEN, CHAO, AU
[72] LIU, SHAO, AU
[71] MONASH UNIVERSITY, AU
[22] 2016-10-25
[41] 2018-04-25

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[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01)**
[25] EN
[54] **MULTI FUNCTIONAL DYNAMIC CONTROLLER (MFDC)**
[54] **CONTROLEUR DYNAMIQUE MULTIFONCTIONNEL**
[72] UNKNOWN, ZZ
[71] FURLANE, GRANT, CA
[22] 2016-10-25
[41] 2018-04-25

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[13] A1
[51] **Int.Cl. F21S 9/03 (2006.01) E04H 4/14 (2006.01) F21S 9/02 (2006.01) F21V 31/00 (2006.01)**
[25] EN
[54] **SWIMMING POOL LIGHT**
[54] **LUMIERE DE PISCINE**
[72] FOY, JEROME, CA
[71] INNOVAPLAS, CA
[22] 2016-10-24
[41] 2018-04-24

[21] **2,946,474**
[13] A1
[51] **Int.Cl. G02F 2/02 (2006.01) G03B 21/00 (2006.01) G03B 43/00 (2006.01)**
[25] EN
[54] **INFRARED SCENE PROJECTOR AND CONVERSION CHIP THEREFORE**
[54] **PROJECTEUR DE SCENE A INFRAROUGE ET PUCE DE CONVERSION ASSOCIEE**
[72] TREMBLAY, BRUNO, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2016-10-25
[41] 2018-04-25

[21] **2,946,485**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) E21B 36/04 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE RECOVERY APPARATUS INCLUDING RF TRANSMISSION LINE AND ASSOCIATED METHODS**
[54] **APPAREIL DE RECUPERATION DE RESSOURCE D'HYDROCARBURE COMPRENANT UNE LIGNE DE TRANSMISSION RF ET METHODES ASSOCIEES**
[72] WHITNEY, RYAN N., US
[72] NUGENT, KEITH, US
[72] JACKSON, RONALD E., JR., US
[72] HARLESS, RICHARD I., US
[72] KOLVEK, STEPHEN J., US
[72] WHITE, ARTHUR H., US
[71] HARRIS CORPORATION, US
[22] 2016-10-25
[41] 2018-04-25

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[13] A1
[51] **Int.Cl. A01B 73/02 (2006.01) A01B 71/00 (2006.01)**
[25] EN
[54] **RELEASABLE LOCK FOR REAR FOLDING IMPLEMENT WINGS**
[54] **VERROU LIBERABLE DESTINE A DES AILES D'ACCESSOIRE PLIANT VERS L'ARRIERE**
[72] HOFMANN, TODD, CA
[72] COLISTRO, VINCENT, CA
[71] SCHULTE INDUSTRIES LTD., CA
[22] 2016-10-26
[41] 2018-04-26

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/00 (2006.01) E21B 43/32 (2006.01)**
[25] EN
[54] **PUMP FOR LOW PRESSURE CASING GAS**
[54] **POMPE DESTINEE A UN GAZ DE TUBAGE BASSE PRESSION**
[72] HAL WRIGHT, CA
[71] HAL WRIGHT, CA
[22] 2016-10-27
[41] 2018-04-27

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[13] A1
[51] **Int.Cl. B22F 9/08 (2006.01)**
[25] EN
[54] **SEMI-CHEMICAL/MECHANICAL LOW OXYGEN CONTENT WATER ATOMIZATION EQUIPMENT**
[54] **EQUIPEMENT D'ATOMISATION D'EAU SEMI-CHIMIQUE/MECANIQUE A FAIBLE TENEUR EN OXYGENE**
[72] UNKNOWN, ZZ
[71] SHI, JIANCHONG, CA
[71] SHI, LIXIN, CA
[22] 2016-10-27
[41] 2018-04-27

[21] **2,946,633**
[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01)**
[25] EN
[54] **REMOTE SYSTEM AND INTERNET ACCESS**
[54] **SYSTEME DISTANT ET ACCES INTERNET**
[72] PUCKETT, DANIEL, CA
[71] DISTRIBUTEL COMMUNICATIONS LIMITED, CA
[22] 2016-10-27
[41] 2018-04-27

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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01)**
[25] EN
[54] **SECURE ACCESS TO PHYSICAL RESOURCES USING ASYMMETRIC CRYPTOGRAPHY**
[54] **ACCES SECURISE A DES RESSOURCES PHYSIQUES PAR CRYPTOGRAPHIE ASYMETRIQUE**
[72] KLINK, JEROD D., CA
[72] LITTLE, HERB, CA
[71] LOCKEDUP LTD., CA
[22] 2016-10-27
[41] 2018-04-24
[30] US (15/332057) 2016-10-24

[21] **2,946,768**
[13] A1
[51] **Int.Cl. G01W 1/14 (2006.01)**
[25] EN
[54] **A DEPTH GAUGE**
[54] **UNE JAUGE DE PROFONDEUR**
[72] BLACKLOCK, OLIVER S., GB
[71] GILL CORPORATE LIMITED, GB
[22] 2016-10-28
[41] 2018-04-28

[21] **2,946,852**
[13] A1
[51] **Int.Cl. A01G 25/14 (2006.01)**
[25] EN
[54] **TRIGGER CONTROLLED HORTICULTURAL WATER SPRAY GUN**
[54] **PISTOLET D'ARROSAGE HORTICOLE CONTROLE PAR UN DECLENCHEUR**
[72] CHEN, CHIN-YUAN, TW
[71] SHIN TAI SPURT WATER OF THE GARDEN TOOLS CO., LTD, TW
[22] 2016-10-28
[41] 2018-04-28

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[13] A1
[51] **Int.Cl. E06C 7/48 (2006.01) E06C 1/04 (2006.01)**
[25] EN
[54] **LADDER. LOC.**
[54] **ECHELLE.LOC**
[72] ST. GODARD, DOUG, CA
[71] ST. GODARD, DOUG, CA
[22] 2016-10-28
[41] 2018-04-28

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[13] A1
[51] **Int.Cl. E21B 10/44 (2006.01) E02D 1/04 (2006.01)**
[25] EN
[54] **ENCASED SOIL AUGER APPARATUS FOR ARCHEOLOGICAL ASSESSMENTS AND METHOD OF OPERATING THE SAME**
[54] **APPAREILLAGE DE TARIERE INTEGREE DESTINE A DES EVALUATIONS ARCHEOLOGIQUES ET METHODE D'UTILISATION ASSOCIEE**
[72] PASCH, CHELSEA, CA
[71] PASCH, CHELSEA, CA
[22] 2016-10-28
[41] 2018-04-28

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01)**
[25] EN
[54] **FOLDING TONNEAU COVER APPARATUS**
[54] **ENSEMBLE DE COUVERCLE DE TONNEAU PLIANT**
[72] SCHMEICHEL, CHARLES M., US
[72] SIMON, JOHN W., US
[71] AGRI-COVER, INC., US
[22] 2016-11-01
[41] 2018-04-28
[30] US (62/414,591) 2016-10-28

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[21] **2,947,168**
[13] A1
[51] **Int.Cl. A63B 59/20 (2015.01) A01K 1/01 (2006.01) A01K 15/02 (2006.01)**
[25] EN
[54] **ACCESSORY FOR BALL THROWER**
[54] **ACCESSOIRE DESTINE A UN LANCE-BALLE**
[72] OLSON, JAMES, CA
[71] BIG TOE INNOVATIONS INC., CA
[22] 2016-10-28
[41] 2018-04-28

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[21] **2,952,918**
[13] A1
[51] **Int.Cl. A63B 59/20 (2015.01) A63B 60/34 (2015.01) A01K 15/02 (2006.01)**
[25] EN
[54] **ACCESSORY FOR A BALL THROWER AND A COMBINATION BALL THROWER AND ACCESSORY**
[54] **ACCESSOIRE DE LANCE-BALLE ET UNE COMBINAISON DE LANCE-BALLE ET D'ACCESSOIRE**
[72] OLSON, JAMES, CA
[71] BIG TOE INNOVATIONS INC., CA
[22] 2016-12-23
[41] 2018-04-28
[30] CA (2,947,168) 2016-10-28

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[21] **2,956,430**
[13] A1
[51] **Int.Cl. F04B 47/12 (2006.01) E21B 34/14 (2006.01) F04B 47/00 (2006.01)**
[25] EN
[54] **IMPROVED LATCH FOR A BALL AND SLEEVE PLUNGER**
[54] **VERROU AMELIORE DESTINE A UN PISTON A BILLE ET MANCHON**
[72] BOYD, GARRETT S., US
[72] BOYD, MITCHELL A., US
[71] FLOWCO PRODUCTION SOLUTIONS, LLC, US
[22] 2017-01-27
[41] 2018-04-26
[30] US (62/412,959) 2016-10-26
[30] US (15/400,222) 2017-01-06

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[13] A1
[51] **Int.Cl. F16B 1/02 (2006.01) F04B 47/12 (2006.01) F16K 31/56 (2006.01) F16K 35/04 (2006.01)**
[25] EN
[54] **IMPROVED SPLIT BOBBIN CLUTCH FOR BYPASS PLUNGERS**
[54] **EMBRAYAGE DE BOBINE FENDUE AMELIORE DESTINE A DES PISTONS DE DERIVATION**
[72] BOYD, GARRETT S., US
[72] BOYD, MITCHELL A., US
[71] FLOWCO PRODUCTION SOLUTIONS, LLC, US
[22] 2017-01-27
[41] 2018-04-28
[30] US (62/414,336) 2016-10-28
[30] US (15/407,851) 2017-01-17

[21] **2,957,337**
[13] A1
[51] **Int.Cl. B21D 37/16 (2006.01) B21D 22/02 (2006.01)**
[25] EN
[54] **AUTOMATIC CONTROLLED ELECTRIC HEATING EQUIPMENT FOR PRODUCTION OF HIGH RESISTANCE PARTS**
[54] **EQUIPEMENT DE CHAUFFAGE ELECTRIQUE CONTROLE AUTOMATIQUEMENT DESTINE A LA PRODUCTION DE PIECES HAUTE RESISTANCE**
[72] SPORTELLI, PIETRO, BR
[71] AETHRA SISTEMAS AUTOMOTIVOS S/A, BR
[22] 2017-02-08
[41] 2018-04-25
[30] BR (BR 102016024974-0) 2016-10-25

[21] **2,957,345**
[13] A1
[51] **Int.Cl. E04D 13/064 (2006.01) E04D 13/04 (2006.01) E04D 13/076 (2006.01)**
[25] EN
[54] **RESIDENTIAL OR COMMERCIAL SEE THROUGH EAVES AND DOWNSPOUT GUTTER SYSTEM**
[54] **SYSTEME DE GOUTTIERE DESCENDANTE ET DEBORD DE TOIT TRANSPARENTS POUR USAGE RESIDENTIEL OU COMMERCIAL**
[72] SALEH, NABIL, CA
[71] 2298679 ONTARIO INC., CA
[71] SALEH, NABIL, CA
[22] 2017-02-08
[41] 2018-04-25
[30] US (15/333,978) 2016-10-25

[21] **2,957,955**
[13] A1
[51] **Int.Cl. A47G 19/22 (2006.01) A45F 3/16 (2006.01) A47G 21/18 (2006.01) B67C 9/00 (2006.01)**
[25] EN
[54] **PORTABLE DRINKING VESSEL ASSEMBLY**
[54] **ENSEMBLE DE RECIPIENT DE BOISSON PORTATIF**
[72] SULLIVAN, JENNIFER JO, US
[72] ROTHFUS, RANDALL ALLEN, US
[71] J JO MARKET LLC, US
[22] 2017-02-15
[41] 2018-04-25
[30] US (15/358759) 2016-11-22
[30] US (62/412805) 2016-10-25

[21] **2,963,041**
[13] A1
[51] **Int.Cl. B60N 3/04 (2006.01)**
[25] EN
[54] **VEHICLE FLOOR MAT WITH WATERTIGHT CAPPED GROMMETS**
[54] **TAPIS DE PLANCHER DE VEHICULE DOTE D'OEILLETS RECOUVERTS ETANCHES**
[72] MACNEIL, DAVID F., US
[72] THOM, ALLAN R., US
[72] MASANEK, FREDERICK W., JR., US
[71] MACNEIL IP LLC, US
[22] 2017-03-31
[41] 2018-04-24
[30] US (15/332668) 2016-10-24

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[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/12 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **THRUST RING AND ROTOR FAN SYSTEM WITH PASSIVE LEADING EDGE SLATS**
[54] **SYSTEME DE VENTILATEUR DE ROTOR ET DE BAGUE DE BUTEE A FENTES DE BORD AVANT PASSIVES**
[72] POWER, BRONWYN, US
[72] RIVERS, JONATHAN M., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-04-06
[41] 2018-04-28
[30] US (15/337,936) 2016-10-28

[21] **2,966,085**
[13] A1
[51] **Int.Cl. F04D 29/36 (2006.01) B64C 11/00 (2006.01) F01D 7/00 (2006.01)**
[25] EN
[54] **THRUST RING AND ROTOR FAN SYSTEM**
[54] **SYSTEME DE BAGUE DE BUTEE ET VENTILATEUR DE ROTOR**
[72] POWER, BRONWYN, US
[72] RIVERS, JONATHAN M., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-05-03
[41] 2018-04-28
[30] US (15/338,035) 2016-10-28

[21] **2,968,281**
[13] A1
[51] **Int.Cl. F01D 21/00 (2006.01) F01D 21/12 (2006.01) F01D 25/00 (2006.01) F02C 7/22 (2006.01)**
[25] EN
[54] **FIRE MITIGATION SYSTEM FOR GAS TURBINE ENGINE**
[54] **SYSTEME D'ATTENUATION D'ALLUMAGE DESTINE A UNE TURBINE A GAZ**
[72] RICCI, THOMAS TREVOR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-23
[41] 2018-04-25
[30] US (15/333,775) 2016-10-25

[21] **2,968,388**
[13] A1
[51] **Int.Cl. F01D 5/30 (2006.01) F01D 5/02 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE ROTOR**
[54] **ROTOR DE TURBINE A GAZ**
[72] BOUTHILLIER, ALAIN, CA
[72] FOURNIER, JEAN, CA
[72] FREDERICK, MICHEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-23
[41] 2018-04-24
[30] US (15/332,313) 2016-10-24

[21] **2,968,804**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **A HOME AUTOMATION AND CONCIERGE SYSTEM AND METHOD FOR A COMMUNITY**
[54] **SYSTEME DE DOMOTIQUE ET DE CONCIERGERIE ET METHODE DESTINES A UNE COMMUNAUTE**
[72] POULIN, JEAN-PIERRE, CA
[71] DEVCORE GROUP, CA
[22] 2017-05-31
[41] 2018-04-26
[30] US (62/413,060) 2016-10-26
[30] US (62/433,690) 2016-12-13

[21] **2,971,355**
[13] A1
[51] **Int.Cl. B61D 23/02 (2006.01) E06C 5/04 (2006.01)**
[25] EN
[54] **FOLDING STEP FOR AUTORACK DOOR**
[54] **MARCHE PLIANTE DESTINEE A UNE PORTE DE WAGON A AUTOMOBILES**
[72] CENCER, ROBERT J., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-06-19
[41] 2018-04-24
[30] US (15/332,145) 2016-10-24

[21] **2,972,649**
[13] A1
[51] **Int.Cl. G01N 21/952 (2006.01) H01R 4/18 (2006.01) H01R 43/04 (2006.01)**
[25] EN
[54] **WIRE CONTACT INSPECTION**
[54] **INSPECTION DE CONTACT DE FIL**
[72] RAY, GARY A., US
[72] MITCHELL, BRADLEY J., US
[72] NORTHON, BENTLEY E., US
[71] THE BOEING COMPANY, US
[22] 2017-07-05
[41] 2018-04-26
[30] US (15/335,299) 2016-10-26

[21] **2,974,283**
[13] A1
[51] **Int.Cl. F16C 33/48 (2006.01) F16C 33/49 (2006.01)**
[25] EN
[54] **PRONG TYPE CAGE FOR A DOUBLE ROW ROLLER BEARING ASSEMBLY**
[54] **CAGE DE TYPE A BROCHE DESTINEE A UN MECANISME DE ROULEMENT A BILLES A DOUBLE RANGEE**
[72] SOBOCINSKI, DARIUSZ, CA
[71] SCHAEFFLER TECHNOLOGIES AG & CO. KG, DE
[22] 2017-07-21
[41] 2018-04-25
[30] US (15/333,722) 2016-10-25

[21] **2,974,287**
[13] A1
[51] **Int.Cl. F16K 17/164 (2006.01) B64D 33/00 (2006.01) F02C 7/27 (2006.01) F02C 7/277 (2006.01) F16K 31/363 (2006.01) F16L 55/07 (2006.01)**
[25] EN
[54] **COMPRESSOR SURGE PROTECTION**
[54] **PROTECTION DE SURTENSION DE COMPRESSEUR**
[72] RICHARDSON, MARCUS KAREL, US
[72] SMITH, DAVID M., US
[71] THE BOEING COMPANY, US
[22] 2017-07-19
[41] 2018-04-25
[30] US (15/334,262) 2016-10-25

[21] **2,974,763**
[13] A1
[51] **Int.Cl. H04W 4/42 (2018.01) H04W 12/08 (2009.01) G01C 21/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR USING A WIRELESS ACCESS POINT STORAGE DEVICE ONBOARD AN AIRCRAFT**
[54] **METHODES ET APPAREILS DESTINES A L'UTILISATION DE DISPOSITIF DE STOCKAGE DE POINT D'ACCES SANS FIL EMBARQUE DANS UN AERONEF**
[72] GHEORGHE, LAURENTIU MIHAI, US
[72] VEMULA, SUBBARAO VENKATA RAMA, US
[72] NICHOLLS, JAMES ALEXANDER, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-07-26
[41] 2018-04-24
[30] US (15/332,310) 2016-10-24

[21] **2,975,342**
[13] A1
[51] **Int.Cl. G01D 5/56 (2006.01) B81B 7/02 (2006.01) B81C 3/00 (2006.01) G01L 9/00 (2006.01)**
[25] EN
[54] **MEMS SENSOR WITH ELECTRONICS INTEGRATION**
[54] **CAPTEUR MEMS A INTEGRATION DE DISPOSITIFS ELECTRONIQUES**
[72] POTASEK, DAVID P., US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-08-02
[41] 2018-04-25
[30] US (15/333,810) 2016-10-25

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[13] A1
[51] **Int.Cl. A01G 23/08 (2006.01) A01B 63/10 (2006.01) A01G 23/091 (2006.01) A01G 23/099 (2006.01) E02F 3/85 (2006.01) E02F 9/22 (2006.01) F15B 1/00 (2006.01) F15B 21/08 (2006.01)**
[25] EN
[54] **BOOM CONTROL WITH INTEGRATED VARIABLE RETURN METERING**
[54] **COMMANDE DE BRAS A COMPTEUR DE RETOUR VARIABLE INTEGRE**
[72] MAHRENHOLZ, JOHN R., US
[72] RASZGA, CALIN, US
[71] DEERE & COMPANY, US
[22] 2017-08-09
[41] 2018-04-26
[30] US (15/334,849) 2016-10-26

[21] **2,975,772**
[13] A1
[51] **Int.Cl. G05B 13/04 (2006.01) F02C 9/00 (2006.01)**
[25] EN
[54] **MODEL REFERENCE ADAPTIVE CONTROLLER**
[54] **CONTROLE ADAPTATIF DE MODELE DE REFERENCE**
[72] CLINE, CURTIS HARVEY, US
[72] ZAK, STANISLAW, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-08-09
[41] 2018-04-27
[30] US (15/336,546) 2016-10-27

[21] **2,975,866**
[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) E04F 21/26 (2006.01) E05D 11/00 (2006.01) F16B 9/00 (2006.01)**
[25] EN
[54] **VARIABLE ANGLE STAIR RAILING BRACKET HINGE**
[54] **CHARNIERE DE SUPPORT DE RAMPE A ANGLE VARIABLE**
[72] GOODMAN, JAMES, US
[71] HB&G BUILDING PRODUCTS, INC., US
[22] 2017-08-11
[41] 2018-04-27
[30] US (15/336,204) 2016-10-27

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[13] A1
[51] **Int.Cl. B23B 45/14 (2006.01) B23B 45/00 (2006.01) B23B 47/00 (2006.01)**
[25] EN
[54] **DRILL ATTACHMENT HAVING AN ADAPTER COMPONENT**
[54] **ACCESSOIRE DE FORAGE DOTE D'UNE COMPOSANTE D'ADAPTATEUR**
[72] MOORE, BRUCE, US
[72] HOWLAND, SHANNON L., US
[71] BACKSAVER 2005, LLC, US
[22] 2017-08-15
[41] 2018-04-25
[30] US (15/333,366) 2016-10-25

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[13] A1
[51] **Int.Cl. B64C 13/40 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **AIRCRAFT WING FLAP SKEW DETECTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE DETECTION DE CHANGEMENT D'AXE D'UN VOLET HYPERSUSTENTATEUR D'AERONEF**
[72] JONES, KELLY THOMAS, US
[71] THE BOEING COMPANY, US
[22] 2017-08-15
[41] 2018-04-26
[30] US (15/334,347) 2016-10-26

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[13] A1
[51] **Int.Cl. F02C 9/48 (2006.01) B64C 11/30 (2006.01) B64D 31/00 (2006.01) B64D 37/00 (2006.01) F02C 9/28 (2006.01) F02C 9/44 (2006.01) F02C 9/58 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **POWER PLANT THRUST MANAGEMENT SYSTEM FOR TURBOPROP ENGINES**
[54] **SYSTEME DE GESTION DE POUSSEE D'UNE CENTRALE ELECTRIQUE DESTINE AUX MOTEURS DE TURBOPROPULSEUR**
[72] MORGAN, KEITH, CA
[72] PLANTE, GHISLAIN, CA
[72] FAUCHON, TANIA, CA
[72] DUROCHER, ERIC, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[41] 2018-04-26
[30] US (62/413,121) 2016-10-26
[30] US (15/623,154) 2017-06-14

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[51] **Int.Cl. G06Q 10/08 (2012.01)**
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[54] **INTELLIGENT BAGGAGE HANDLING**
[54] **MANUTENTION DE BAGAGE INTELLIGENTE**
[72] PODNAR, GREGG W., US
[72] LOFTIS, RICHARD JOHN, US
[72] MATTOCKS, GREGORY E., US
[72] SALMON, JAMES J., US
[72] HARRELL, KEITH, US
[71] THE BOEING COMPANY, US
[22] 2017-08-18
[41] 2018-04-26
[30] US (15/335312) 2016-10-26

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[51] **Int.Cl. E04D 13/064 (2006.01) E04D 13/08 (2006.01)**
[25] EN
[54] **RESIDENTIAL OR COMMERCIAL INTEGRATED SEE-THROUGH EAVES AND DOWNSPOUT GUTTER SYSTEM**
[54] **SYSTEME DE GOUTTIERE DESCENDANTE ET DEBORD DE TOIT TRANSPARENTS INTEGRES A USAGE RESIDENTIEL OU COMMERCIAL**
[72] SALEH, NABIL, CA
[71] SALEH, NABIL, CA
[22] 2017-08-22
[41] 2018-04-25
[30] US (15/333978) 2016-10-25
[30] CA (2957345) 2017-02-08
[30] US (15/675062) 2017-08-11

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[13] A1
[51] **Int.Cl. E04D 13/064 (2006.01) E04D 13/08 (2006.01)**
[25] EN
[54] **RESIDENTIAL OR COMMERCIAL INTEGRATED SEE-THROUGH EAVES AND DOWNSPOUT GUTTER SYSTEM**
[54] **SYSTEME DE GOUTTIERE DESCENDANTE ET DEBORD DE TOIT TRANSPARENTS INTEGRES A USAGE RESIDENTIEL OU COMMERCIAL**
[72] SALEH, NABIL, CA
[71] 2298679 ONTARIO INC., CA
[22] 2017-08-30
[41] 2018-04-25
[30] US (15/333,978) 2016-10-25
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[30] US (15/675,062) 2017-08-11
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[51] **Int.Cl. F01D 5/02 (2006.01)**
[25] EN
[54] **ROTOR DISC WITH PASSAGES**
[54] **DISQUE DE ROTOR DOTE DE PASSAGES**
[72] ABRARI, FARID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-09-07
[41] 2018-04-25
[30] US (15/333,916) 2016-10-25

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[13] A1
[51] **Int.Cl. A01K 63/00 (2017.01)**
[25] EN
[54] **WASTE-MOVEMENT SYSTEM FOR AQUARIUM**
[54] **SYSTEME DE MOUVEMENT DES DECHETS DESTINE A UN AQUARIUM**
[72] BUGEJA, ANTHONY, CA
[71] APPALOOSA INVESTMENTS INC., CA
[22] 2017-09-21
[41] 2018-04-28
[30] US (15/336,943) 2016-10-28

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[51] **Int.Cl. A01G 23/091 (2006.01) F16H 57/022 (2012.01) E02F 9/00 (2006.01) F16C 35/04 (2006.01) F16H 57/12 (2006.01) F16M 1/04 (2006.01)**
[25] EN
[54] **BACKLASH ADJUSTMENT SYSTEM AND METHOD**
[54] **SYSTEME D'AJUSTEMENT DE CONTRECOUP ET METHODE**
[72] DISABATINO, BENJAMIN, CA
[71] DEERE & COMPANY, US
[22] 2017-09-27
[41] 2018-04-28
[30] US (15/337,837) 2016-10-28

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[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/06 (2006.01) F04B 39/16 (2006.01)**
[25] EN
[54] **COMPRESSOR INSTALLATION WITH DRYING DEVICE FOR COMPRESSED GAS AND METHOD FOR DRYING COMPRESSED GAS**
[54] **INSTALLATION DE COMPRESSEUR EQUIPEE D'UN APPAREIL DE SECHAGE DESTINEE A UN GAZ COMPRIME ET METHODE DE SECHAGE DE GAZ COMPRIME**
[72] HELLEMANS, GEERT, BE
[72] VERTRIEST, DANNY, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[22] 2017-10-02
[41] 2018-04-25
[30] BE (2016/5804) 2016-10-25

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[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **WHOLE PLANT GAS EXCHANGE CHAMBER USING PRESSURIZATION AND VENTILATION OF SEPARATED CANOPY AND ROOT ZONES**
[54] **CHAMBRE D'ECHANGE DE GAZ DE PLANTE ENTIERE EMPLOYANT LA MISE SOUS PRESSION ET LA VENTILATION DE ZONES SEPAREES DE COUVERTURE ET DE RACINE**
[72] PAULS, ROBERT B., CA
[72] THEROUX, MARC A. J., CA
[72] FRIESEN, PATRICK C., CA
[72] SUGDEN, RONALD R., CA
[72] KETTNER, BRUCE, CA
[71] BIOCHAMBERS INCORPORATED, CA
[22] 2017-10-03
[41] 2018-04-26
[30] US (62/413,049) 2016-10-26

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[51] **Int.Cl. H01M 8/0276 (2016.01) H01M 8/2465 (2016.01)**
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[54] **GASKET AND FUEL CELL STACK**
[54] **JOINT ET EMPILEMENT DE PILE A COMBUSTIBLE**
[72] SATO, KENJI, JP
[72] KADONO, HIDEYA, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-10-04
[41] 2018-04-25
[30] JP (2016-208317) 2016-10-25

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[13] A1
[51] **Int.Cl. B61D 7/00 (2006.01) B61D 49/00 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **COMMODITY MEASURING FOR A RAILCAR**
[54] **MESURE DE PRODUIT DESTINEE A UN WAGON**
[72] HUCK, KENNETH W., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-10-04
[41] 2018-04-28
[30] US (15/337,820) 2016-10-28

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[13] A1
[51] **Int.Cl. G06F 15/163 (2006.01) B64D 43/00 (2006.01)**
[25] FR
[54] **COMMUNICATIONS ARCHITECTURE FOR DATA EXCHANGE BETWEEN PROCESSING UNITS**
[54] **ARCHITECTURE DE COMMUNICATION POUR L'ECHANGE DE DONNEES ENTRE DES UNITES DE TRAITEMENT**
[72] ZANTE, ETIENNE, FR
[72] BALBINOT, JEAN-PIERRE, FR
[72] DUBOIS, JEAN-BAPTISTE, FR
[72] MANOT, RICHARD, FR
[72] OINARD, STEPHANE, FR
[71] ZODIAC AERO ELECTRIC, FR
[22] 2017-10-03
[41] 2018-04-26
[30] FR (16 60 389) 2016-10-26

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[51] **Int.Cl. E06C 7/48 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUPPORTING A LADDER IN UPRIGHT ORIENTATION**
[54] **SYSTEME DE SUPPORT D'UNE ECHELLE DANS UNE ORIENTATION VERTICALE**
[72] ST. GODARD, DOUGLAS ERIC, CA
[71] ST. GODARD, DOUGLAS ERIC, CA
[22] 2017-10-11
[41] 2018-04-28
[30] US (62/437153) 2016-12-16
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[13] A1
[51] **Int.Cl. G01F 5/00 (2006.01) G01F 25/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FLUID METERING**
[54] **SYSTEME ET METHODE DE DOSAGE DE FLUIDE**
[72] CHEN, NANNAN, US
[72] BERKCAN, ERTUGRUL, US
[72] WANG, MENGLI, US
[72] ARTIUCH, ROMAN LEON, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-10-12
[41] 2018-04-24
[30] US (15/332,757) 2016-10-24

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[13] A1
[51] **Int.Cl. H04L 29/02 (2006.01) H04L 12/751 (2013.01) H04L 12/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FACILITATING OPTIMIZATION AND ANALYTICS OF A MANAGED NETWORK**
[54] **SYSTEME ET METHODE SERVANT A FACILITER L'OPTIMISATION ET L'ANALYSE DE RESEAU GERE**
[72] TYAGI, VIPIN, IN
[72] MASILAMANI, SOUNDARAKUMAR, IN
[72] STEPHEN, BLUEMAX P. CHARUMATI, IN
[72] KULSHRESHTHA, SALAKSHNA, IN
[72] REDDY, CHINTHALAPUDI G. K., IN
[72] PAUL, ARIJIT, IN
[71] CENTRE FOR DEVELOPMENT OF TELEMATICS (C-DOT), IN
[22] 2017-10-06
[41] 2018-04-24
[30] IN (201641036389) 2016-10-24

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[51] **Int.Cl. H01H 3/26 (2006.01) H04W 4/00 (2018.01) H01H 21/54 (2006.01) H01H 33/00 (2006.01) H01H 35/24 (2006.01) H02J 7/35 (2006.01) H04B 5/00 (2006.01)**
[25] EN
[54] **MOTORIZED HIGH VOLTAGE IN-LINE DISCONNECT SWITCH**
[54] **INTERRUPTEUR DE DECONNEXION EN LIGNE HAUTE TENSION MOTORISE**
[72] CLEAVELAND, CHARLES M., US
[71] CLEAVELAND/PRICE INC., US
[22] 2017-10-13
[41] 2018-04-26
[30] US (15653923) 2017-07-19
[30] US (15582626) 2017-04-29
[30] US (62412920) 2016-10-26

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[13] A1
[51] **Int.Cl. B60D 1/58 (2006.01) B62D 25/22 (2006.01)**
[25] EN
[54] **TWO SHOT INJECTION MOLDED VEHICLE HITCH STEP**
[54] **MARCHE D'ATTELAGE MOULEE A INJECTION DOUBLE**
[72] MACNEIL, DAVID F., US
[72] MASANEK, FREDERICK W., JR., US
[71] MACNEIL IP LLC, US
[22] 2017-10-12
[41] 2018-04-26
[30] US (15/334544) 2016-10-26

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[13] A1
[51] **Int.Cl. F16K 1/44 (2006.01) F16K 1/20 (2006.01) F16K 15/03 (2006.01) F16K 17/04 (2006.01)**
[25] EN
[54] **VALVES INCLUDING MULTIPLE SEATS AND RELATED ASSEMBLIES AND METHODS**
[54] **SOUPAPES COMPORTANT PLUSIEURS SIEGES, ET ASSEMBLAGES ET METHODES ASSOCIEES**
[72] RAIN, MARK, US
[71] FLOWSERVE MANAGEMENT COMPANY, US
[22] 2017-10-16
[41] 2018-04-24
[30] US (15/332,922) 2016-10-24

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[13] A1
[51] **Int.Cl. H01F 27/10 (2006.01)**
[25] EN
[54] **TRANSFORMER WITH HEATED RADIATOR ELEMENT**
[54] **TRANSFORMATEUR DOTE D'UN ELEMENT DE RADIATEUR CHAUFFE**
[72] BACHINGER, FLORIAN, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[22] 2017-10-13
[41] 2018-04-26
[30] DE (102016221080.7) 2016-10-26

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM WITH INTEGRAL SIDE RAIL CLAMP**
[54] **SYSTEME DE COUVRE-TONNEAU A PINCE DE RAIL LATERAL INTEGRALE**
[72] FACCHINELLO, JEROME J., US
[72] DELONG, RYAN W., US
[71] EXTANG CORPORATION, US
[22] 2017-10-16
[41] 2018-04-27
[30] US (15/336,092) 2016-10-27
[30] US (15/654,570) 2017-07-19

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[13] A1
[51] **Int.Cl. B60P 7/02 (2006.01)**
[25] EN
[54] **TONNEAU COVER SYSTEM WITH INTEGRAL SIDE RAIL CLAMP**
[54] **SYSTEME DE COUVRE-TONNEAU A PINCE DE RAIL LATERAL INTEGRALE**
[72] FACCHINELLO, JEROME J., US
[71] EXTANG CORPORATION, US
[22] 2017-10-16
[41] 2018-04-27
[30] US (15/336,092) 2016-10-27

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[13] A1
[51] **Int.Cl. H04L 12/717 (2013.01) H04L 12/721 (2013.01)**
[25] EN
[54] **METHOD TO BE IMPLEMENTED AT A DEVICE CONFIGURED TO BE CONNECTED TO A CUSTOMER PREMISES EQUIPMENT OF A FIRST TYPE NETWORK, CORRESPONDING DEVICE**
[54] **METHODE A METTRE EN PLACE DANS UN DISPOSITIF CONFIGURE POUR ETRE CONNECTE A UN EQUIPEMENT CHEZ LE CLIENT D'UN PREMIER TYPE DE RESEAU, DISPOSITIF CORRESPONDANT**
[72] ONNO, STEPHANE, FR
[72] LEGUILLON, VALERIE, FR
[71] THOMSON LICENSING, FR
[22] 2017-10-16
[41] 2018-04-24
[30] EP (16306388.6) 2016-10-24

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[13] A1
[51] **Int.Cl. A01D 34/43 (2006.01) A01B 23/00 (2006.01) A01D 34/62 (2006.01) B62B 13/00 (2006.01) B62B 17/02 (2006.01)**
[25] FR
[54] **AGRICULTURAL MACHINE WITH SKATES EQUIPPED WITH INTERCHANGEABLE LININGS**
[54] **MACHINE AGRICOLE AVEC DES PATINS EQUIPES DE DOUBLURES INTERCHANGEABLES**
[72] WILHELM, JOEL, FR
[71] KUHN S.A., FR
[22] 2017-10-16
[41] 2018-04-28
[30] FR (1660476) 2016-10-28

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[13] A1
[51] **Int.Cl. A47B 88/40 (2017.01) A47B 81/00 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **SLIDE SYSTEM AND SLIDE ASSEMBLY FOR A DRAWER AND DRAWER ASSEMBLY**
[54] **SYSTEME DE COULISSE ET MECANISME DE COULISSE DESTINES A UN TIROIR ET ENSEMBLE DE TIROIR**
[72] HAMON, LUDOVIC, US
[72] LE FLOC'H, GREGORY, US
[71] DASSAULT AVIATION, FR
[22] 2017-10-16
[41] 2018-04-26
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[13] A1
[51] **Int.Cl. A47G 33/12 (2006.01)**
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[54] **CHRISTMAS TREE STAND**
[54] **SUPPORT D'ARBRE DE NOEL**
[72] WACH, RYAN ROBERT, US
[71] WACH, RYAN ROBERT, US
[22] 2017-10-18
[41] 2018-04-25
[30] US (15/727,350) 2017-10-06
[30] US (62/496,661) 2016-10-25

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[13] A1
[51] **Int.Cl. G07D 7/12 (2016.01) G07D 7/128 (2016.01)**
[25] FR
[54] **GAME TERMINAL**
[54] **BORNE DE JEU**
[72] CHAUSSADE, XAVIER, FR
[72] UZAN, ALAIN, FR
[72] COMBES, SOPHIE, FR
[71] IDEMIA IDENTITY & SECURITY FRANCE, FR
[22] 2017-10-17
[41] 2018-04-25
[30] FR (16 60351) 2016-10-25

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[13] A1
[51] **Int.Cl. A61K 8/85 (2006.01) A61Q 17/04 (2006.01)**
[25] EN
[54] **TOPICAL SUNSCREEN COMPOSITION, METHOD OF PREPARATION, AND USE THEREOF**
[54] **COMPOSITION D'ECRAN SOLAIRE TOPIQUE, METHODE DE PREPARATION ET UTILISATION ASSOCIEE**
[72] DUDLEY, DENIS, CA
[72] HEINAR, THOMAS, CA
[72] DUDLEY, SARA, CA
[71] CYBERDERM LABORATORIES INC., CA
[22] 2017-10-18
[41] 2018-04-28
[30] US (62/414,205) 2016-10-28

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[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 84/18 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **MESH OVER-THE-AIR (OTA) DRIVER UPDATE USING SITE PROFILE BASED MULTIPLE PLATFORM IMAGE**
[54] **MISE A JOUR HERTZIENNE DE MAILLE AU MOYEN DU PROFIL DU SITE FONDE SUR PLUSIEURS IMAGES DE PLATEFORME**
[72] GEORGE, SAJIN, US
[72] MALANDRAKIS, EMANUEL PAUL, US
[72] YOUNG, KENNETH, US
[72] LEPELAARS, MAARTEN, US
[71] ABL IP HOLDING LLC, US
[22] 2017-10-18
[41] 2018-04-26
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **OPERATIONAL DUE DILIGENCE METHOD AND SYSTEM**
[54] **METHODE ET SYSTEME FONCTIONNELS A DILIGENCE RAISONNABLE**
[72] ADDY, CHRISTOPHER, CA
[72] BELL, ECHO, CA
[71] ENTREPRISE CASTEL HALL ALTERNATIVES INC., CA
[22] 2017-10-19
[41] 2018-04-26
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[13] A1
[51] **Int.Cl. A47F 1/10 (2006.01) A47F 10/02 (2006.01)**
[25] EN
[54] **MECHANICAL TIME DELAY PRODUCT DISPENSER**
[54] **DISTRIBUTEUR DE PRODUIT A RETARDEMENT MECANIQUE**
[72] MORAD, FRED L., US
[72] ACOSTA, ROBERT A., US
[71] TRANZONIC COMPANIES, US
[22] 2017-10-20
[41] 2018-04-24
[30] US (15333007) 2016-10-24

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[13] A1
[51] **Int.Cl. A23G 9/28 (2006.01) A23G 9/04 (2006.01) A23G 9/20 (2006.01) A23G 9/22 (2006.01) A47J 43/00 (2006.01)**
[25] EN
[54] **FROZEN FOOD PRODUCT DISPENSING MACHINE INCLUDING MIXING MANIFOLD**
[54] **MACHINE DE DISTRIBUTION DE PRODUIT ALIMENTAIRE CONGELE COMPRENANT UN COLLECTEUR MELANGEUR**
[72] MOHAMMED, AAMER, US
[72] WETENKAMP, KEN, US
[71] THE VOLLRATH COMPANY, L.L.C., US
[22] 2017-10-23
[41] 2018-04-24
[30] US (62/411,866) 2016-10-24

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[13] A1
[51] **Int.Cl. G07C 11/00 (2006.01) G06Q 30/06 (2012.01) G07B 1/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR DEALING WITH THE LIBERALIZATION OF RECREATIONAL DRUGS**
[54] **SYSTEME DE PRISE EN CHARGE DE LIBERALISATION DES DROGUES RECREATIVES**
[72] COMEAU, FELIX J. E., CA
[72] BAILEY, BRUCE A., CA
[72] LEACH, STEVEN H., CA
[72] GOLEDZINOWSKI, MATT, CA
[71] ALCOHOL COUNTERMEASURE SYSTEMS (INTERNATIONAL) INC., CA
[22] 2017-10-20
[41] 2018-04-24
[30] US (62/411,759) 2016-10-24
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[13] A1
[51] **Int.Cl. B22D 11/045 (2006.01) B22D 11/10 (2006.01) B22D 11/112 (2006.01)**
[25] EN
[54] **UNWORKED CONTINUOUSLY CAST HEAT-TREATABLE ALUMINUM ALLOY PLATES**
[54] **PLAQUES D'ALLIAGE D'ALUMINIUM TRAITABLES THERMIQUEMENT MOULEES EN CONTINU NON TRAVAILLEES**
[72] BRYANT, JAMES DANIEL, US
[72] YAN, XINYAN, US
[72] SCHAUT, ADAM, US
[71] ARCONIC INC., US
[22] 2017-10-23
[41] 2018-04-25
[30] US (62/412,554) 2016-10-25

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[51] **Int.Cl. B62B 3/04 (2006.01) B62B 5/04 (2006.01) B66F 9/065 (2006.01) B66F 9/075 (2006.01)**
[25] EN
[54] **DELIVERY SLED BRAKE SYSTEM**
[54] **SYSTEME DE FREIN DE PLATEAU DE LIVRAISON**
[72] KALINOWSKI, DANE GIN MUN, US
[72] ENGLERT, TRAVIS JAMES, US
[72] ROBINSON, WILLIAM, US
[71] REHRIG PACIFIC COMPANY, US
[22] 2017-10-23
[41] 2018-04-25
[30] US (62/412,491) 2016-10-25
[30] US (62/538,258) 2017-07-28

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[13] A1
[51] **Int.Cl. A61L 29/14 (2006.01) A61B 5/042 (2006.01) A61L 29/04 (2006.01) A61M 25/01 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **CATHETER DISTAL END MADE OF PLASTIC TUBE AND FLEXIBLE PRINTED CIRCUIT BOARDS**
[54] **EXTREMITE DISTALE DE CATHETER FAITE D'UN TUBE DE PLASTIQUE ET CARTES DE CIRCUIT IMPRIME FLEXIBLES**
[72] GOVARI, ASSAF, IL
[72] ALTMANN, ANDRES CLAUDIO, IL
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, ILYA, IL
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] KEYES, JOSEPH THOMAS, US
[72] HERRERA, KEVIN JUSTIN, US
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[22] 2017-10-23
[41] 2018-04-25
[30] US (15/333,853) 2016-10-25

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 1/233 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 17/24 (2006.01)**
[25] EN
[54] **HEAD REGISTRATION USING A PERSONALIZED GRIPPER**
[54] **ENREGISTREMENT DE TETE EMPLOYANT UNE PINCE PERSONNALISEE**
[72] AMIT, MATITYAHU, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-10-23
[41] 2018-04-25
[30] US (15/334,183) 2016-10-25

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[13] A1
[51] **Int.Cl. A61F 2/01 (2006.01) A61B 17/22 (2006.01)**
[25] EN
[54] **A MULTI-BASKET CLOT CAPTURING DEVICE**
[54] **UN DISPOSITIF DE CAPTURE DE CAILLOT MULTI-PANIER**
[72] GOROCHOW, LACEY, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
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[41] 2018-04-26
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[51] **Int.Cl. A61M 25/09 (2006.01) A61B 17/24 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **GUIDEWIRES HAVING IMPROVED MECHANICAL STRENGTH AND ELECTROMAGNETIC SHIELDING**
[54] **FILS-GUIDES AYANT UNE SOLIDITE MECANIQUE AMELIOREE ET BOUCLIER ELECTROMAGNETIQUE**
[72] GLINER, VADIM, IL
[72] GOVARI, ASSAF, IL
[72] SEMA, GHISLAIN G., US
[71] BIOSENSE WEBSTER (ISRAEL), LTD., IL
[71] ACCLARENT, INC., US
[22] 2017-10-23
[41] 2018-04-25
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[51] **Int.Cl. E21B 43/16 (2006.01) E21B 43/20 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCED OIL RECOVERY**
[54] **METHODE D'AMELIORATION DE LA RECUPERATION DE PETROLE**
[72] ZAITOUN, ALAIN, FR
[72] TEMPLIER, ARNAUD, FR
[72] SALEHI, NAZANINE, FR
[71] POWELTEC, FR
[22] 2017-10-23
[41] 2018-04-25
[30] EP (16 306 393.6) 2016-10-25

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[51] **Int.Cl. F16F 9/34 (2006.01) F16F 9/16 (2006.01) F16F 9/512 (2006.01)**
[25] EN
[54] **DIGRESSIVE VALVE FOR A DAMPER**
[54] **SOUPAPE DEGRESSIVE DESTINEE A UN ATTENUATEUR**
[72] COX, CHRISTOPHER PAUL, US
[71] TERAFLEX, INC., A UTAH CORPORATION, US
[22] 2017-10-24
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[51] **Int.Cl. A61C 9/00 (2006.01)**
[25] EN
[54] **IMPROVED DENTAL TRAY MOLDING KIT AND METHOD FOR DENTAL MOLDING**
[54] **TROUSSE DE MOULAGE DE PLATEAU DENTAIRE AMELIOREE ET METHODE DE MOULAGE DENTAIRE**
[72] ACKEL, GILBERT, CA
[71] ACKEL, GILBERT, CA
[22] 2017-10-24
[41] 2018-04-24
[30] US (62/411,856) 2016-10-24
[30] US (62/427,261) 2016-11-29
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[25] EN
[54] **PRECAST THERMALLY SEPARATED CANTILEVERED BALCONY SYSTEM AND METHOD OF USING SAME**
[54] **SYSTEME DE BALCON PREMOULE EN PORTE-A-FAUX SEPARE THERMIQUEMENT ET METHODE D'UTILISATION ASSOCIEE**
[72] STRICKLAND, MICHAEL R., CA
[71] ISPAN SYSTEMS LP, CA
[22] 2017-10-23
[41] 2018-04-25
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[51] **Int.Cl. C09K 8/80 (2006.01) C09K 8/524 (2006.01) E21B 37/06 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL PROPPRANT**
[54] **AGENT DE SOUTENEMENT ANTIMICROBIEN**
[72] CONNER, MARK D., US
[72] THOMPSON-COLON, JAMES A., US
[72] JONES, PHILIP R., US
[72] SMITH, NATALEE JO-ANN, US
[72] HASSETT, PAUL, US
[71] COVESTRO LLC, US
[22] 2017-10-23
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[25] EN
[54] **WALL-MOUNTABLE BRACKET FOR VARIOUS SHELF CONFIGURATIONS**
[54] **SUPPORT INSTALLE AU MUR DESTINE A DIVERSES CONFIGURATIONS DE TABLETTE**
[72] OTT, LAURA ELIZABETH, US
[72] POHLMAN, JOE KIPTON, US
[71] LOWE'S COMPANIES, INC., US
[22] 2017-10-23
[41] 2018-04-24
[30] US (62/411,963) 2016-10-24
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[51] **Int.Cl. E04F 19/02 (2006.01) E04F 21/02 (2006.01)**
[25] EN
[54] **VENTED STOP BEAD APPARATUS, VENTED WEEP SCREED APPARATUS, AND RELATED SYSTEMS AND METHODS THEREOF**
[54] **APPAREILLAGE DE MOULURE D'ARRET VENTILEE, APPAREIL RACLEUR-BALAYEUR AERE, ET SYSTEMES CONNEXES ET METHODES ASSOCIEES**
[72] MAZIARZ, JEFFREY, US
[71] E-Z BEAD, LLC, US
[22] 2017-10-24
[41] 2018-04-25
[30] US (15/791,246) 2017-10-23
[30] US (62/472,297) 2017-03-16
[30] US (62/412,710) 2016-10-25
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[25] EN
[54] **ELECTRIC VEHICLE SUPPLY EQUIPMENT AND METHOD OF DETERMINING A STATE OF A CONTACTOR IN ELECTRIC VEHICLE SUPPLY EQUIPMENT**
[54] **EQUIPEMENT D'ALIMENTATION D'UN VEHICULE ELECTRIQUE ET METHODE DE DETERMINATION D'UN ETAT D'UN CONTACTEUR DANS UN EQUIPEMENT D'ALIMENTATION DE VEHICULE ELECTRIQUE**
[72] XIONG, TOM, CN
[72] HAO, JACKIE, CN
[72] YANG, ANDREW, CN
[72] LACEY, DARRON KIRBY, US
[71] EATON CORPORATION, US
[22] 2017-10-23
[41] 2018-04-28
[30] US (15/337,762) 2016-10-28

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[51] **Int.Cl. A01K 15/02 (2006.01) A01K 15/00 (2006.01) A01K 27/00 (2006.01)**
[25] EN
[54] **ANIMAL TRAINING HARNESS**
[54] **HARNAIS D'ENTRAINEMENT D'ANIMAL**
[72] O'NEILL, JESSICA EDEN, CA
[71] O'NEILL, JESSICA EDEN, CA
[22] 2017-10-25
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[51] **Int.Cl. F16L 55/134 (2006.01) C08K 3/28 (2006.01) C08K 5/18 (2006.01) C08L 7/02 (2006.01)**
[25] EN
[54] **INFLATABLE STOPPER**
[54] **DISPOSITIF D'ARRET GONFLABLE**
[72] VAN BEUGEN, LEONARD, NL
[72] CORIC, ENVER, NL
[71] J. VAN BEUGEN BEHEER B.V., NL
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[51] **Int.Cl. F25B 39/04 (2006.01) F24F 13/30 (2006.01) F28D 1/04 (2006.01) F28F 1/00 (2006.01) F28F 9/00 (2006.01)**
[25] EN
[54] **MANIFOLD DESIGN TO ELIMINATE FRACTURES ON MULTISTAGE HEAT EXCHANGER COILS**
[54] **MODELE DE COLLECTEUR SERVANT A ELIMINER LES FRACTURES DANS LES SERPENTINS D'ECHANGEUR DE CHALEUR MULTIETAGE**
[72] BYERS, TATE, US
[72] HIM, AYLAN, US
[72] RUHLANDER, GREGORY, US
[72] MORALES, CLAUDIA A., US
[72] MACKEY, DAVID, US
[71] LENNOX INDUSTRIES INC., US
[22] 2017-10-25
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[51] **Int.Cl. E06B 9/262 (2006.01) E06B 9/266 (2006.01) E06B 9/30 (2006.01)**
[25] EN
[54] **COVERING FOR ARCHITECTURAL FEATURES, AND RELATED SYSTEMS, METHODS OF OPERATION, AND MANUFACTURE**
[54] **REVETEMENT DE CARACTERISTIQUES ARCHITECTURALES, ET SYSTEMES, METHODES D'UTILISATION ET FABRICATION ASSOCIES**
[72] COLSON, WENDELL B., US
[72] KUPERUS, KO, US
[72] FOGARTY, DANIEL M., US
[72] HARTMAN, DAVID P., US
[72] DIFRANCESCO, MATTHEW A., US
[71] HUNTER DOUGLAS INC., US
[22] 2017-10-25
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[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **OPERATING SYSTEM FOR AN ARCHITECTURAL COVERING**
[54] **SYSTEME D'UTILISATION D'UN REVETEMENT ARCHITECTURAL**
[72] HOLT, RONALD, US
[72] WISECUP, STEPHEN T., US
[72] AKINS, TERRY L., US
[71] HUNTER DOUGLAS INC., US
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[30] US (62/452,404) 2017-01-31
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[51] **Int.Cl. B67D 7/08 (2010.01)**
[25] EN
[54] **AUTOMATED TAMPER PROOF FLUID DISPENSING ARRANGEMENT**
[54] **DISPOSITIF DE DISTRIBUTION DE FLUIDE INVIOLABLE AUTOMATISE**
[72] MULDOON, THOMAS, US
[72] CONWAY, PHILIP J., US
[71] MULDOON, THOMAS, US
[71] CONWAY, PHILIP J., US
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[25] EN
[54] **BLOCK FOR FLUID CONVEYANCE DEVICE**
[54] **BLOC DESTINE A UN DISPOSITIF DE TRANSPORT DE FLUIDE**
[72] BOHNER, STEPHAN ERNST, CA
[72] MEMA, ARBEN, CA
[72] DYKXHOORN, DICK LAW, CA
[71] 2141632 ONTARIO INC., CA
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[25] EN
[54] **MULTI-USE PRY BAR**
[54] **LEVIER MULTIUSAGE**
[72] WEBER, CHARLES, US
[72] BALKO, THOMAS, US
[72] CARLSON, BENJAMIN, US
[72] GALLUZZI, JOSEPH, US
[72] BROWN, ADAM, US
[71] JPW INDUSTRIES INC., US
[22] 2017-10-26
[41] 2018-04-27
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[30] US (62/489,810) 2017-04-25
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[51] **Int.Cl. G01S 5/22 (2006.01) E21B 47/107 (2012.01) G01S 11/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD OF PROPAGATION AND SPATIAL LOCATION ANALYSIS BY ACOUSTIC ARRAY FOR DOWN-HOLE APPLICATIONS**
[54] **APPAREILLAGE ET METHODE D'ANALYSE DE PROPAGATION ET D'EMPLACEMENT SPATIAL PAR UN RESEAU ACOUSTIQUE DESTINES A DES APPLICATIONS DE FOND DE TROU**
[72] YANG, QINSHAN, US
[72] ZHAO, JINSONG, US
[71] GOWELL INTERNATIONAL, LLC, US
[22] 2017-10-25
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[51] **Int.Cl. B60R 19/54 (2006.01) B60R 19/04 (2006.01) B63B 59/00 (2006.01)**
[25] EN
[54] **DEBRIS SHIELD ADAPTABLE FOR USE WITH A VARIETY OF BOATS AND TRAILERS**
[54] **PROTECTEUR CONTRE LES DEBRIS ADAPTABLE POUR UNE UTILISATION SUR UNE VARIETE DE BATEAUX ET DE REMORQUES**
[72] GAGNON, NEIL, CA
[71] GAGNON, NEIL, CA
[22] 2017-10-27
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[51] **Int.Cl. B65D 8/04 (2006.01) B65D 85/00 (2006.01)**
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[54] **WINE BARREL**
[54] **BARIL A VIN**
[72] DEUTSCH, ANDREW, US
[72] KISH, DONALD P., US
[71] NORTH COAST CONTAINER, US
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[51] **Int.Cl. E04D 1/00 (2006.01) E04G 23/02 (2006.01)**
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[54] **REROOFING SHINGLE**
[54] **BARDEAU DE REMPLACEMENT DE TOITURE**
[72] KASPRZAK, CHRISTOPHER P., US
[72] PANELLI, ANDREW, US
[72] ELLIOTT, BERT W., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[51] **Int.Cl. G01M 15/14 (2006.01) G01K 11/12 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE TEMPERATURE IN A FLOW CHANNEL OF A GAS TURBINE AND MEASURING DEVICE**
[54] **METHODE DE DETERMINATION DE LA TEMPERATURE DANS UN CANAL D'ECOULEMENT D'UNE TURBINE A GAZ ET APPAREIL DE MESURE**
[72] LEHMANN, KNUT, DE
[71] ROLLS-ROYCE DEUTSCHLAND LTD & CO KG, DE
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[30] DE (10 2106 120 297.5) 2016-10-25

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[51] **Int.Cl. E05F 3/04 (2006.01) E05F 3/02 (2006.01) E05F 3/10 (2006.01)**
[25] EN
[54] **COMBINATION HYDRAULIC AND PNEUMATIC DOOR CLOSER**
[54] **DISPOSITIF COMBINE DE FERMETURE DE PORTE HYDRAULIQUE ET PNEUMATIQUE**
[72] FAN, SHUIWANG, CN
[71] CMECH (GUANGZHOU), LTD., CN
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[25] FR
[54] **MODULAR STRUCTURAL PANEL AND ASSEMBLY INCLUDING SUCH PANELS FOR THE CONSTRUCTION OF A BUILDING**
[54] **PANNEAU STRUCTURAL MODULAIRE ET ENSEMBLE COMPORTANT DE TELS PANNEAUX POUR LA CONSTRUCTION D'UN BATIMENT**
[72] BERTRAND, HERVE, FR
[71] BERTRAND, HERVE, FR
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[25] EN
[54] **BIOLOGICAL NUTRIENT REMOVAL PROCESS CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DE PROCEDE D'ELIMINATION DE NUTRIMENT BIOLOGIQUE**
[72] GHYLIN, TREVOR W., US
[72] ELGER, SARAH O., US
[72] SHELDON, DANIEL, US
[71] XYLEM WATER SOLUTIONS U.S.A., INC., US
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[54] **THROUGH-SHAFT STEERING DAMPER**
[54] **AMORTISSEUR DE DIRECTION TRAVERSANT L'ARBRE**
[72] COX, CHRISTOPHER PAUL, US
[71] TERAFLEX, INC., A UTAH CORPORATION, US
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[51] **Int.Cl. B01D 35/143 (2006.01) B01D 35/30 (2006.01) G06K 19/07 (2006.01)**
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[54] **FILTER INCLUDING RFID TAG**
[54] **FILTRE COMPRENANT UNE ETIQUETTE RFID**
[72] PALUSZEWSKI, PAUL J., US
[72] WARMUTH, ERIC, US
[72] VANZANDT, BRENT, US
[71] PALL CORPORATION, US
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[51] **Int.Cl. B60R 16/03 (2006.01) B60Q 1/00 (2006.01)**
[25] EN
[54] **AUXILIARY VEHICLE LIGHTING CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE D'ECLAIRAGE DE VEHICULE AUXILIAIRE**
[72] SINGH, IQBAL, US
[72] CONNINGTON, CHRIS, US
[71] TIGER ACCESSORY GROUP, LLC, US
[22] 2017-10-27
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[54] **INTEGRATED TRAY AND WRAP SYSTEM AND METHOD OF MAKING**
[54] **SYSTEME DE PLATEAU ET SANGLE INTEGRES ET METHODE DE FABRICATION**
[72] FOTIS, NICHOLAS GUS, US
[72] KALYANKAR, VARSHA, US
[72] PENNY, DANIEL W., US
[72] ROLSMA, ANDREW M., US
[72] APONTE, ELIEZER, US
[71] ALLEGIANCE CORPORATION, US
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[51] **Int.Cl. C10C 3/00 (2006.01) C10G 31/09 (2006.01)**
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[54] **PROCESS AND SYSTEM TO SEPARATE DILUENT**
[54] **PROCEDE ET SEPARATION DE DILUANT**
[72] MCKAY, MICHAEL PATRICK, CA
[72] REN, SUCHANG, CA
[72] RAZALI, MAYAMIN BINTI MOHD, US
[72] SZEKELY, GYORGY, GB
[71] FCCL PARTNERSHIP, CA
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[25] EN
[54] **A SYSTEM, APPARATUS AND METHOD FOR EFFICIENT USE OF SOLAR PHOTOVOLTAIC ENERGY**
[54] **UN SYSTEME, APPAREILLAGE ET METHODE DESTINES A L'UTILISATION EFFICACE D'ENERGIE PHOTOVOLTAIQUE SOLAIRE**
[72] STEPA, GRANT, AU
[72] KERR, PETER, AU
[71] RHEEM AUSTRALIA PTY LIMITED, AU
[22] 2017-10-27
[41] 2018-04-28
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[51] **Int.Cl. A61M 27/00 (2006.01) A61M 25/01 (2006.01) A61M 25/14 (2006.01) A61M 39/24 (2006.01)**
[25] EN
[54] **IMPROVED IMPLANTABLE VALVE ASSEMBLY WITH EXTENDED LIFESPAN**
[54] **MECANISME DE VALVE IMPLANTABLE AMELIOREE A DUREE UTILE PROLONGEE**
[72] BODEN, THOMAS, JR., US
[72] DEXTRADEUR, ALAN J., US
[71] INTEGRA LIFESCIENCES SWITZERLAND SARL, CH
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[51] **Int.Cl. E21B 47/18 (2012.01) E21B 47/20 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COMMUNICATING DOWNHOLE DATA**
[54] **SYSTEMES ET METHODES DE COMMUNICATION DE DONNEES DE FOND DE TROU**
[72] SOOS, ANTAL, CA
[72] EDLER, KARL, CA
[72] BRAISHER, STEVE, CA
[71] PULSE DIRECTIONAL TECHNOLOGIES INC., CA
[22] 2017-10-27
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[51] **Int.Cl. E06B 7/16 (2006.01) E06B 7/22 (2006.01)**
[25] EN
[54] **DOOR SWEEP AND METHOD FOR INSTALLING A DOOR SWEEP**
[54] **BAS DE PORTE ET METHODE D'INSTALLATION D'UN BAS DE PORTE**
[72] KENDALL, ADAM, US
[72] JASKIEWICZ, TOM, US
[71] ENDURA PRODUCTS, INC., US
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[51] **Int.Cl. B65D 33/38 (2006.01) B65D 33/25 (2006.01)**
[25] EN
[54] **POUR BAG WITH GRIPPABLE DISPENSING FUNNEL**
[54] **SAC VERSEUR DOTE D'UN ENTONNOIR DE DISTRIBUTION PREHENSIBLE**
[72] BARLEV, LIOR, US
[71] FOLTON GOLD INC., US
[22] 2017-12-14
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[25] EN
[54] **APPARATUS FOR HYDROGEN PRODUCTION BY ELECTROLYTIC-DECOMPOSITION WITH GAS-OPERATED OSCILLATION SYSTEM**
[54] **APPAREILLAGE DE PRODUCTION D'HYDROGENE PAR DECOMPOSITION ELECTROLYTIQUE COMPORTANT UN SYSTEME D'OSCILLATION FONCTIONNANT AU GAZ**
[72] JOEL, KEVIN, CA
[71] JOEL, KEVIN, CA
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[54] **UN ENSEMBLE DE BOUCHON ET DOUILLE ELECTRIQUE DESTINE UN ARBRE MIS A LA TERRE**
[72] MCRAE, MICHAEL M., US
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[72] WARD, JEFFERSON P., US
[72] NESS, ERIK D., US
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **METHODS AND APPARATUS FOR SOLAR POWERED OSCILLATING DESIGN DISPLAY**
[54] **METHODES ET APPAREIL DESTINES A UN AFFICHEUR OSCILLANT FONCTIONNANT A L'ENERGIE SOLAIRE**
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[72] MUDRICK, DAVID, US
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[72] LI, ZHIYING, CN
[72] LU, ZHEN, CN
[72] CHEN, YING, CN
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[54] **METHOD, SERVER, TERMINAL, AND SYSTEM FOR SETTING MATURITY OF ELECTRONIC CERTIFICATE**
[54] **PROCEDE, SERVEUR, TERMINAL, ET SYSTEME DE REGLAGE DE MATURITE DE CERTIFICAT ELECTRONIQUE**
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[54] **SYSTEME ET METHODE POUR LA CULTURE D'ANIMAUX BENTHIQUES ET PELAGIQUES A L'AIDE D'UNE COMBINAISON EMPILEE D'HABITATS EN EAUX PROFONDES OU PEU PROFONDES**
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[54] **ANALOGUES DE CYCLOPHOSPHAMIDES DESTINES A ETRE UTILISES EN TANT QU'IMMUNOGENES ET CONJUGUES DE DOSAGE POUR UN DOSAGE IMMUNOLOGIQUE DE CYCLOPHOSPHAMIDE ET D'IFOSFAMIDE**
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[54] **TRAITEMENT DE LA RETINITE PIGMENTAIRE AU MOYEN DE MEGANUCLEASES OBTENUES PAR GENIE GENETIQUE**
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[72] JANTZ, DEREK, US
[72] SMITH, JAMES JEFFERSON, US
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[54] **DISPOSITIF POUR LA STIMULATION ELECTRIQUE DU COMPLEXE PARODONTAL ET DU TISSU ENVIRONNANT**
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[72] EGOAGWU, NNEKA UGURU, US
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[54] **PROCEDE ET APPAREIL DE REGLAGE DE COMMUNICATION SANS FIL**
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[72] BARZEGAR, FARHAD, US
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[72] YAN, HUA, US
[72] RASMUSSEN, JOLYN, US
[72] DUAN, HUI, US
[72] CHAMPOURET, NICOLAS, US
[72] BALMUTH, ALEXI, US
[72] YE, JINGSONG, US
[71] J.R. SIMPLOT COMPANY, US
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[72] YAN, HUA, US
[72] RASMUSSEN, JOLYN, US
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[54] **EVALUATION DE VOLEMIE AU MOYEN D'ULTRASONS A HAUTE FREQUENCE**
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[71] UNIVERSITY OF HAWAI'I, US
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[72] SMITH, DANIEL, US
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[54] **MACHINE DE COUPE**
[72] GILLIVER, DAVID, AU
[72] LINDSAY, BRETT, AU
[71] PRECISION FOAM TECHNOLOGIES PTY LTD, AU
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[71] PALFINGER AG, AT
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[72] LIENAU, PHILIP, DE
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[54] **FLOTTATION DIFFERENTIELLE DE MINERAIS DE SULFURE POUR RECUPERER DE L'OR REFRACTAIRE**
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[71] OUTOTEC (FINLAND) OY, FI
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[54] **CIRCUIT DE COMPENSATION DE DISTORSION**
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[54] **PERFORATEUR DE CHAMP PETROLIFERE CONCU POUR L'ENLEVEMENT DE CUVELAGE A GRAND VOLUME**
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[72] KINSEY, JAMES, US
[72] CLAY, MATTHEW C., US
[71] OWEN OIL TOOLS LP, US
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[54] **PROCEDE DE DEPOLLUTION DES EAUX PAR ADSORPTION SUR CHARBON ACTIF**
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[72] COQUET, YVES, FR
[71] SAUR, FR
[85] 2018-04-04
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[51] **Int.Cl. H01G 11/48 (2013.01) H01G 11/58 (2013.01) H01M 4/60 (2006.01)**
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[54] **METHOD FOR PRODUCING LITHIUM-ION, SODIUM-ION AND POTASSIUM-ION BATTERIES WITH INCREASED SAFETY**
[54] **PROCEDE DE PRODUCTION DE BATTERIES LITHIUM-ION, SODIUM-ION ET POTASSIUM-ION A SECURITE ACCRUE**
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[72] NEALSON, KENNETH H., US
[72] CIMPOIASU, VILY M., RO
[71] RIVER ROAD RESEARCH, INC., US
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[54] **REGIMES POSOLOGIQUES**
[72] GROSSI, FEDERICO, US
[72] DESCHATELETS, PASCAL, US
[72] FRANCOIS, CEDRIC, US
[71] APELLIS PHARMACEUTICALS, INC., US
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[51] **Int.Cl. C09K 8/88 (2006.01) C09K 8/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING TEMPERATURE STABLE CHEMICAL SOLUTIONS**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE SOLUTIONS CHIMIQUES THERMOSTABLES**
[72] KOEFOD, ROBERT SCOTT, US
[72] HENSLEY, ANTHONY QUINN, US
[71] CARGILL, INCORPORATED, US
[85] 2018-04-05
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[54] **USE OF STERILE SLEEVE IN PRODUCTION OF SURGICAL SLUSH**
[54] **UTILISATION D'UN MANCHON STERILE DANS LA PRODUCTION D'UNE BOUILLIE CHIRURGICALE**
[72] KAMMER, PATRICK, US
[72] RACKERS, KEVIN JOSEPH, US
[72] ALLRED, PHILIP MORRISON, US
[71] C CHANGE SURGICAL LLC, US
[85] 2018-04-05
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[30] US (62/237,525) 2015-10-05

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[25] EN
[54] **RESERVOIR SIMULATION USING AN ADAPTIVE DEFLATED MULTISCALE SOLVER**
[54] **SIMULATION DE RESERVOIR AU MOYEN D'UN SOLVEUR MULTI-ECHELLE DEGONFLE ADAPTATIF**
[72] BRATVEDT, KYRRE, US
[72] LUKYANOV, ALEXANDER, US
[72] HAJIBEYGI, HADI, NL
[72] VUIK, KEES, NL
[71] SCHLUMBERGER CANADA LIMITED, CA
[71] CHEVRON U.S.A. INC., US
[71] TOTAL SA, FR
[85] 2018-04-05
[86] 2016-10-06 (PCT/US2016/055609)
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[54] **DISK BRAKE FOR A UTILITY VEHICLE, AND BRAKE PAD SET**
[54] **FREIN A DISQUE POUR VEHICULE UTILITAIRE ET JEU DE GARNITURES DE FREIN**
[72] KRAUSE, OLIVER, DE
[72] KLINGNER, MATTHIAS, DE
[72] PESCHEL, MICHAEL, DE
[72] SCHOFBERGER, TOBIAS, DE
[72] ADAMCZYK, PHILIPP, DE
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
[85] 2018-04-06
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[54] **LEAFLET SUPPORT DEVICES**
[54] **DISPOSITIFS DE SUPPORT DE FEUILLET**
[72] BRUCHMAN, WILLIAM C., US
[71] W. L. GORE & ASSOCIATES, INC, US
[85] 2018-04-05
[86] 2016-10-06 (PCT/US2016/055644)
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[54] **COMBINATION COMPRISING AN AMINOTHIOLESTER COMPOUND OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AND A COMPOUND ABLE TO INCREASE THE H2O2 LEVEL IN CANCER CELLS OF A SUBJECT**
[54] **COMBINAISON COMPRENANT UN COMPOSE AMINOTHIOLESTER OU UN SEL PHARMACEUTIQUEMENT ACCEPTABLE DE CELUI-CI ET UN COMPOSE CAPABLE D'AUGMENTER LE TAUX DE H2O2 DANS DES CELLULES CANCEREUSES D'UN SUJET**
[72] CEYLAN, ISMAIL, FR
[72] QUASH, GERRY, FR
[72] PEREZ-ALEA, MILEIDYS, FR
[72] MARTIN, GUILLAUME, FR
[71] ADVANCED BIODESIGN, FR
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[25] EN
[54] **AMINOTHIOLESTER COMPOUNDS OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, FOR USE IN THE TREATMENT OF CANCER**
[54] **COMPOSES D'AMINOTHIOLESTERS OU SELS DE QUALITE PHARMACEUTIQUE DE CEUX-CI POUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] CEYLAN, ISMAIL, FR
[72] QUASH, GERRY, FR
[72] PEREZ-ALEA, MILEIDYS, FR
[72] MARTIN, GUILLAUME, FR
[71] ADVANCED BIODESIGN, FR
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[54] **MOVABLE WEB APPARATUS**
[54] **APPAREIL DE TOILE MOBILE**
[72] POIRIER, ROLAND, CA
[71] POIRIER, ROLAND, CA
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[54] **USER INTERFACE**
[54] **INTERFACE UTILISATEUR**
[72] EBLER, RALPH J., US
[72] MEDART, DANIEL, DE
[72] HYDE, AIDAN, US
[72] JONES, DWAYNE, CA
[72] ASHTON, WESLEY SCOTT, US
[71] MAQUET CARDIOPULMONARY GMBH, DE
[71] EBLER, RALPH J., US
[71] MEDART, DANIEL, DE
[71] HYDE, AIDAN, US
[71] JONES, DWAYNE, CA
[71] ASHTON, WESLEY SCOTT, US
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[54] **METHOD AND KIT FOR PROCESSING HAIR**
[54] **PROCEDE ET ENSEMBLE DE TRAITEMENT CAPILLAIRE**
[72] WAGNER, SABINE, AU
[71] IP FULL ASSET LIMITED, CN
[85] 2018-04-06
[86] 2016-01-18 (PCT/CN2016/000029)
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[54] **ANTIBODY AGAINST HEPATITIS B SURFACE ANTIGEN AND USE THEREOF**
[54] **ANTICORPS ANTI-ANTIGENE DE SURFACE D'HEPATITE B ET SON UTILISATION**
[72] LUO, WENXIN, CN
[72] ZHOU, BING, CN
[72] ZHANG, JUAN, CN
[72] YUAN, QUAN, CN
[72] ZHANG, TIANYING, CN
[72] ZHANG, JUN, CN
[72] XIA, NINGSHAO, CN
[71] XIAMEN UNIVERSITY, CN
[71] YANG SHENG TANG COMPANY, LTD., CN
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[51] **Int.Cl. B08B 9/032 (2006.01) F17D 3/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CLEARING A PIPE SYSTEM**
[54] **PROCEDE ET SYSTEME POUR DEBOUCHER UN SYSTEME A TUYAU**
[72] WOUTERS, ROBBERT CHRISTIANUS ANTONIUS, NL
[71] FLUIDOR EQUIPMENT B.V., NL
[85] 2018-04-06
[86] 2016-10-14 (PCT/EP2016/074791)
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[25] EN
[54] **DISPLAY ASSISTANCE DEVICE AND DISPLAY ASSISTANCE METHOD**
[54] **DISPOSITIF ET PROCEDE D'ASSISTANCE D'AFFICHAGE**
[72] KUSAYANAGI, YOSHINORI, JP
[72] KISHI, NORIMASA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-06
[86] 2016-09-09 (PCT/JP2016/076566)
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[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **APPAREIL DE RECEPTION, APPAREIL DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] MICHAEL, LACHLAN BRUCE, JP
[72] TAKAHASHI, KAZUYUKI, JP
[71] SONY CORPORATION, JP
[85] 2018-04-06
[86] 2016-09-30 (PCT/JP2016/078983)
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[54] **TISSU MULTICOUCHE**
[72] TAKEI, HIROYUKI, JP
[72] KAMIYA, RYUTA, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2018-04-06
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[25] EN
[54] **OPTIMIZATION OF ALUMINUM HOT WORKING**
[54] **OPTIMISATION DU FORMAGE A CHAUD DE L'ALUMINIUM**
[72] MOHANTY, RASHMI RANJAN, US
[72] BENDZINSKI, DUANE E., US
[72] KULKARNI, RAHUL VILAS, US
[71] NOVELIS INC., US
[85] 2018-04-06
[86] 2016-09-27 (PCT/US2016/053898)
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[25] EN
[54] **REMOVABLE APPARATUS FOR A CENTRIFUGE AND METHOD OF USING SAME**
[54] **APPAREIL AMOVIBLE POUR CENTRIFUGEUSE ET SON PROCEDE D'UTILISATION**
[72] FITZPATRICK, IAN, US
[72] ROB, MARK, US
[72] CUSICK, ADAM, US
[72] CRAIG, TIM, US
[71] INVETECH, INC., US
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[25] EN
[54] **MODERATELY OXIDIZED POLYSACCHARIDE DEPRESSANTS FOR USE IN IRON ORE FLOTATION PROCESSES**
[54] **DEPRIMANTS POLYSACCHARIDIQUES MODEREMENT OXYDES DESTINES A ETRE UTILISES DANS DES PROCEDES DE FLOTTATION DE MINERAIS DE FER**
[72] WILSON, DUANE C., US
[71] KEMIRA OYJ, FI
[85] 2018-04-06
[86] 2016-09-26 (PCT/US2016/053700)
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[51] **Int.Cl. E03C 1/04 (2006.01) B01D 35/147 (2006.01) E03B 7/07 (2006.01) E03C 1/05 (2006.01)**
[25] EN
[54] **INTEGRATED FAUCET FILTRATION SYSTEM**
[54] **SYSTEME INTEGRE DE FILTRATION DE ROBINET**
[72] YE, XIAOJING, US
[71] AS IP HOLDCO, LLC, US
[85] 2018-04-06
[86] 2016-09-27 (PCT/US2016/053875)
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[51] **Int.Cl. G06F 17/18 (2006.01)**
[25] EN
[54] **COMPUTER-GENERATED ACCURATE YIELD MAP DATA USING EXPERT FILTERS AND SPATIAL OUTLIER DETECTION**
[54] **DONNEES DE CARTE DE RENDEMENT PRECISES GENEREES PAR ORDINATEUR UTILISANT DES FILTRES D'EXPERT ET UNE DETECTION DE VALEUR ABERRANTE SPATIALE**
[72] FARAH, MARIAN, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-04-06
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[30] US (14/883,517) 2015-10-14

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[51] **Int.Cl. B01D 53/04 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR SWING ADSORPTION PROCESSES RELATED THERETO HAVING A PLURALITY OF VALVES**
[54] **APPAREIL ET SYSTEME POUR PROCEDES D'ADSORPTION MODULEE CORRESPONDANTS COMPRENANT PLUSIEURS SOUPAPES**
[72] FOWLER, TRACY A., US
[72] RAMKUMAR, SHWETHA, US
[72] FREDERICK, JEFFREY W., US
[72] NAGAVARAPU, ANANDA K., US
[72] CHIALVO, SEBASTIAN, US
[72] TAMMERA, ROBERT F., US
[72] FULTON, JOHN W., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[51] **Int.Cl. A61K 39/02 (2006.01) A61K 39/00 (2006.01)**
[25] EN
[54] **LIVE ATTENUATED HETEROLOGOUS VACCINE FOR LEPTOSPIRA**
[54] **VACCIN VIVANT ATTENUE HETEROLOGUE CONTRE LEPTOSPIRA**
[72] BOMCHIL, NATALIA INES, FR
[72] CUPILLARD, LIONEL PIERRE CHRISTIAN, FR
[72] FONTANA, CELIA, FR
[72] GUIGAL, PIERRE-MICHEL, FR
[72] BOUVET, JEROME, FR
[72] PICARDEAU, MATHIEU, FR
[72] KODJO, ANGELI, FR
[71] MERIAL, INC., US
[71] VETAGRO-SUP, FR
[71] INSTITUT PASTEUR, FR
[85] 2018-04-06
[86] 2016-10-05 (PCT/US2016/055508)
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[54] **VENTED GARMENT**
[54] **VETEMENT AERE**
[72] PEZZIMENTI, LUKE A., US
[71] NIKE INNOVATE C.V., US
[85] 2018-04-06
[86] 2016-10-06 (PCT/US2016/055626)
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[30] US (14/877,199) 2015-10-07

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[54] **AIRCRAFT BRAKE AND TIRE CONDITION DIAGNOSIS AND PROGNOSIS**
[54] **DIAGNOSTIC ET PRONOSTIC DE CONDITION DE FREIN ET DE PNEU D'AERONEF**
[72] DIRGO, ROBERT T., US
[72] RAJAMANI, RAVI, US
[72] BURKHALTER, KURT, US
[72] ADAMS, JOSHUA H., US
[72] MOSELEY, DOUGLAS D., US
[72] HAMBLIN, KYLE J. (DECEASED), US
[71] MEGGITT AIRCRAFT BRAKING SYSTEMS CORPORATION, US
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[51] **Int.Cl. H04L 12/26 (2006.01)**
[25] EN
[54] **SMARTWATCH DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE POUR MONTRE INTELLIGENTE**
[72] BERARDINELLI, RAYMOND A., US
[71] BERARDINELLI, RAYMOND A., US
[85] 2018-04-06
[86] 2016-10-06 (PCT/US2016/055752)
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[30] US (62/237,664) 2015-10-06
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[54] **DISTRIBUTED SENSOR CALIBRATION**
[54] **ETALONNAGE DE CAPTEURS REPARTIS**
[72] MASSON, NICHOLAS BANTLE, US
[71] QSENSE, INC., US
[85] 2018-04-06
[86] 2016-10-06 (PCT/US2016/055800)
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[30] US (14/878,853) 2015-10-08

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[51] **Int.Cl. A61K 36/906 (2006.01) A61K 36/26 (2006.01) A61K 36/268 (2006.01)**
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[54] **METHODS AND COMPOSITIONS FOR UNWANTED OR ABNORMAL MUSCLE CONTRACTIONS**
[54] **PROCEDES ET COMPOSITIONS POUR CONTRACTIONS MUSCULAIRES ANORMALES OU NON SOUHAITEES**
[72] WESTPHAL, CHRISTOPH, US
[72] CERMAK, JENNIFER, US
[72] WESSEL, THOMAS, US
[71] FLEX PHARMA, INC., US
[85] 2018-04-06
[86] 2016-10-06 (PCT/US2016/055821)
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[30] US (62/237,973) 2015-10-06
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[25] EN
[54] **METHOD AND SYSTEM FOR EXTRACTING STRANDED GAS FROM UNDERWATER ENVIRONMENTS, CONVERTING IT TO CLATHRATES, AND SAFELY TRANSPORTING IT FOR CONSUMPTION**
[54] **PROCEDE ET SYSTEME POUR EXTRAIRE DU GAZ DELAISSE D'ENVIRONNEMENTS SOUS-MARINS, SA CONVERSION EN CLATHRATES ET SON TRANSPORT EN TOUTE SECURITE POUR LA CONSOMMATION**
[72] PHOENIX, STUART I., US
[72] KEZIRIAN, MICHAEL T., US
[71] PHOENIX, STUART I., US
[71] KEZIRIAN, MICHAEL T., US
[85] 2018-04-06
[86] 2016-10-07 (PCT/US2016/055912)
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[51] **Int.Cl. C12N 15/10 (2006.01) G01N 33/537 (2006.01)**
[25] EN
[54] **IMPROVED FLARE (FLOW CYTOMETRY ATTENUATED REPORTER EXPRESSION) TECHNOLOGY FOR RAPID BULK SORTING**
[54] **TECHNOLOGIE FLARE (FLOW CYTOMETRY ATTENUATED REPORTER EXPRESSION, EXPRESSION DE REPORTER ATTENUEE PAR CYTOMETRIE EN FLUX) POUR TRI EN VRAC RAPIDE**
[72] CAIRNS, VICTOR R., US
[72] CHAVIDA, JOSE IGNACIO SANCHO, US
[72] DEMARIA, CHRISTINE, US
[71] GENZYME CORPORATION, US
[85] 2018-04-06
[86] 2016-10-07 (PCT/US2016/055915)
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[54] **BOTTLE MOUNTING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE MONTAGE DE BOUTEILLE**
[72] CARPENTER, WILLIAM B., CA
[71] CARPENTER, WILLIAM B., CA
[85] 2018-04-09
[86] 2016-10-07 (PCT/CA2016/051172)
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[25] EN
[54] **APPARATUS AND METHOD FOR SECURING MERCHANDISE WITH OPTICAL LOCK AND KEY**
[54] **APPAREIL ET PROCEDE PERMETTANT DE SECURISER DES MARCHANDISES A L'AIDE D'UN VERROU ET D'UNE CLE OPTIQUE**
[72] TAYLOR, ROBERT J., US
[72] JONES, NICHOLAUS A., US
[72] VASGAARD, AARON J., US
[72] CRUZ, JEFFREY S., US
[71] WALMART APOLLO, LLC, US
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[54] **ANALYSE AUTOMATIQUE D'UTILISATION DE BANDE PASSANTE PAR LE CLIENT POUR PROMOUVOIR UNE CAPACITE DYNAMIQUE**
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[54] **NANOSTRUCTURES ASSEMBLEES ET STABILISEES POUR L'ADMINISTRATION D'AGENTS ENCAPSULES**
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[72] JOSHI, NITIN, US
[72] WIRADHARMA, NIKKEN, US
[72] SLAUGHTER, KAI VINCENT, US
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[54] **MOUSSE COMPOSITE DE POLYURETHANE CONTENANT DU GRAPHENE, ET PROCEDE DE PREPARATION ET UTILISATION**
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[72] ZHANG, JINZHU, CN
[72] PENG, WENJIE, CN
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[54] **PROCEDE DE DETERMINATION DE LA QUALITE D'UNE SEMENCE D'UN ANIMAL VERTEBRE**
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[72] LE CORVEC, MAENA, FR
[72] DE BRETAGNE, THOMAS, FR
[72] MICHEL, GILDAS, FR
[72] BASQUIN, STEPHANE, FR
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[54] **DISPOSITIF DE SEPARATION**
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[72] FERNANDEZ DE GRADO, ALAIN, FR
[71] KADANT LAMORT, FR
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[54] **DERIVE ETOMIDATE ET INTERMEDIAIRE, PROCEDE DE PREPARATION ET UTILISATION DE CE DERNIER**
[72] LI, QINGENG, CN
[72] WANG, TAO, CN
[72] ZENG, LINGGUO, CN
[72] ZHANG, GUISHENG, CN
[72] XU, XIANGQING, CN
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[54] **DEVICE FOR FEEDING MEDIUM-CALIBRE AMMUNITION WITH A ROTATING PLATE**
[54] **DISPOSITIF D'ALIMENTATION EN MUNITIONS DE MOYEN CALIBRE A PLATEAU TOURNANT**
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[72] GRITSKEVITCH, INNOKENTY, BE
[72] FARINELLA, DOMENICO, BE
[71] CMI DEFENCE S.A., BE
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[72] SAN ROMAN MACIA, MARIA, NL
[72] ROSSUM VAN, GUUS, NL
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[54] **COMPRIME OPTIMISE HAUTEMENT DOSE CONTENANT DE LA MESALAZINE**
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[54] **DISPOSITIF D'AFFICHAGE DE VEHICULE ET PROCEDE D'AFFICHAGE DE VEHICULE**
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[72] YAMAMOTO, TETSUYA, JP
[72] WATANABE, HIROSHI, JP
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[54] **MATERIAU COMPOSITE RESISTANT AUX CHOCS**
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[54] **DISPOSITIF DE COMMUNICATION ET PROCEDE DE COMMUNICATION**
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[71] SONY CORPORATION, JP
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[54] **JOINT SOUDE PAR POINTS ET PROCEDE DE SOUDAGE PAR POINTS**
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[72] FURUSAKO, SEIJI, JP
[72] WATANABE, FUMINORI, JP
[72] MIYAZAKI, YASUNOBU, JP
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[54] **DISPOSITIF A FUMER NON COMBUSTIBLE ET ELEMENTS DE CELUI-CI**
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[72] SMITH, BARRY S., US
[72] CADIEUX, EDMOND J., US
[72] BENNETT, DAVID, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ADSORBANT DE PHOSPHORE, FIBRE POREUSE ET COLONNE D'ADSORPTION DE PHOSPHORE**
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[72] IWAKAWA, SARI, JP
[72] UENO, YOSHIYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
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[72] UTSUNOMIYA, MASAMICHI, JP
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[54] **DISPOSITIF A FUMER NON COMBUSTIBLE ET ELEMENTS ASSOCIES**
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[72] LI, SAN, US
[72] RAGLAND, BEN, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **PREIMPREGNE ENTAILLE, STRATIFIEES A PLIS CROISES, ET PROCEDE DE PRODUCTION DE PREIMPREGNE ENTAILLE**
[72] FUJITA, YUZO, JP
[72] NAITO, YUTA, JP
[72] TAKETA, ICHIRO, JP
[72] KAWAMOTO, SHIORI, JP
[72] KOYAMA, YOSHITAKA, JP
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[54] **SYSTEMES MEDICAUX ET PROCEDE POUR DETERMINER DES PARAMETRES LIES A L'INSULINOTHERAPIE, POUR PREDIRE DES VALEURS DE GLUCOSE ET POUR FOURNIR DES RECOMMANDATIONS DE DOSAGE D'INSULINE**
[72] STAHL, FREDRIK, SE
[71] DIANOVATOR AB, SE
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[54] **DETECTION DE FLUIDE A ANTENNES MULTIPLES COMMUTABLES**
[72] TRAN, THANH T., US
[72] RAVI, KRIS, US
[72] ALAAS, YOUSEF H., US
[72] SCHAECHER, WILLIAM J., US
[72] BHUIYAN, ARIFUL I., US
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[54] **MECANISME DE VERROUILLAGE POUR RETENIR DES COMPOSANTS DANS UN MOTEUR EN PROFONDEUR DE FORAGE**
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[72] GHARIB, HOSSAM, CA
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[54] **DISPOSITIF MEDICAL PRESENTANT UN DISPOSITIF DE DEPLOIEMENT AMOVIBLE ET UN ELEMENT DE FIXATION**
[72] FILIPIAK, DAVID, US
[72] LEPAGE, ALBERT A., US
[72] HORTON, ANTHONY R., US
[71] ATRIUM MEDICAL CORPORATION, US
[71] FILIPIAK, DAVID, US
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[54] **COMPOUNDS FOR TREATMENT OF CANCER AND EPIGENETICS**
[54] **COMPOSES DESTINES AU TRAITEMENT DU CANCER ET EPIGENETIQUE**
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[72] POULSEN, ANDERS, SG
[72] KELLER, THOMAS HUGO, SG
[72] LIEW, SI SI, SG
[72] CHIA, CHENG SAN BRIAN, SG
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[54] **PROCEDE ET SYSTEME POUR LA REALISATION D'UNE ANALYSE DE SUJETS PROBABILISTE D'INTERROGATIONS DE RECHERCHE POUR UN SYSTEME D'ASSISTANCE CLIENTELE**
[72] PODGORNY, IGOR A., US
[72] BARTOLOME, WARREN, US
[72] PATTERSON, NOLAN RICHARD, US
[71] INTUIT INC., US
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[54] **DISPOSITIF D'ENTRAINEMENT AU SWING**
[72] CANSECO, JOSE, US
[71] SPORTS 40 40 LLC, US
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[30] US (62/239,669) 2015-10-09

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[51] **Int.Cl. G01N 27/90 (2006.01)**
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[54] **DRIVE COIL FOR EDDY CURRENT INSPECTION PROBE**
[54] **BOBINE D'EXCITATION POUR SONDE D'INSPECTION PAR COURANTS DE FOUCAULT**
[72] RENSING, NOA M., US
[71] ZETEC, INC., US
[85] 2018-04-09
[86] 2016-07-27 (PCT/US2016/044229)
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[30] US (62/197,963) 2015-07-28

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[51] **Int.Cl. H01H 13/83 (2006.01)**
[25] EN
[54] **WIRELESS CONTROL DEVICE HAVING A FACEPLATE WITH ILLUMINATED INDICIA**
[54] **DISPOSITIF DE COMMANDE SANS FIL AYANT UNE PLAQUE FRONTALE AVEC SYMBOLES LUMINEUX**
[72] GAGE, ALEXANDER WADE, US
[72] MCDONALD, MATTHEW PHILIP, US
[72] SHIVELL, WILLIAM TAYLOR, US
[72] SIMCHAYOFF, ALAN, US
[72] VINOKUROV, DMITRIY, US
[71] LUTRON ELECTRONICS CO., INC., US
[85] 2018-04-09
[86] 2016-10-07 (PCT/US2016/056110)
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[51] **Int.Cl. C09K 8/03 (2006.01) C09K 8/035 (2006.01)**
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[54] **BENEFICIATING WEIGHTING AGENTS**
[54] **VALORISATION D'AGENTS ALOURDISSANT**
[72] NEWMAN, KATERINA V., US
[72] JAMISON, DALE E., US
[72] CHAUVIN, EARL JOSEPH, US
[72] AYAPBERGENOV, YERZHAN, US
[72] JACKSON, BRICE AARON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-04-09
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[51] **Int.Cl. A47L 13/12 (2006.01)**
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[54] **BROOM HOLDER**
[54] **PORTE-BALAI**
[72] REYES, RUBEN, US
[71] REYES, RUBEN, US
[85] 2018-04-09
[86] 2016-10-07 (PCT/US2016/056145)
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[30] US (14/879,486) 2015-10-09

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[51] **Int.Cl. C11B 3/02 (2006.01) C11B 3/04 (2006.01) C11B 3/06 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING NEUTRAL OIL LOSSES DURING NEUTRALIZATION STEP**
[54] **PROCEDE PERMETTANT DE REDUIRE LES PERTES D'HUILE NEUTRE LORS D'UNE ETAPE DE NEUTRALISATION**
[72] KOZYUK, OLEG, US
[72] REIMERS, PETER, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2018-04-09
[86] 2016-10-03 (PCT/US2016/055169)
[87] (WO2017/066027)
[30] US (62/241,420) 2015-10-14

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[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/11 (2006.01) A61B 3/113 (2006.01) A61B 3/14 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PHYSIOLOGIC AND PHARMACODYNAMIC ASSESSMENT AND MONITORING**
[54] **APPAREIL ET PROCEDE POUR L'EVALUATION ET LA SURVEILLANCE PHYSIOLOGIQUES ET PHARMACODYNAMIQUES**
[72] FINKEL, JULIA C., US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
[85] 2018-04-09
[86] 2016-10-11 (PCT/US2016/056420)
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[30] US (62/284,787) 2015-10-09

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[51] **Int.Cl. B60F 3/00 (2006.01)**
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[54] **AMPHIBIAN**
[54] **VEHICULE AMPHIBIE**
[72] GIBBS, ALAN TIMOTHY, GB
[72] LONGDILL, SIMON JAMES, GB
[72] HOUSTON, MATTHEW WATSON, GB
[71] GIBBS TECHNOLOGIES LIMITED, GB
[85] 2018-04-09
[86] 2015-10-12 (PCT/GB2015/052992)
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[30] GB (1418008.7) 2014-10-10
[30] GB (1509901.3) 2015-06-08

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[51] **Int.Cl. H04L 29/06 (2006.01) G06F 12/14 (2006.01)**
[25] EN
[54] **ASSESSING EFFECTIVENESS OF CYBERSECURITY TECHNOLOGIES**
[54] **EVALUATION DE L'EFFICACITE DE TECHNOLOGIES DE CYBERSECURITE**
[72] ZAFFARANO, KARA, US
[72] TAYLOR, JOSHUA, US
[72] HAMILTON, SAMUEL, US
[71] SIEGE TECHNOLOGIES LLC, US
[85] 2018-04-09
[86] 2016-10-06 (PCT/US2016/055670)
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[30] US (62/238,974) 2015-10-08
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[25] EN
[54] **ZONED SHEETS**
[54] **DRAPS A ZONES**
[72] ALLETTO, EUGENE, JR., US
[71] BEDGEAR, LLC, US
[71] ALLETTO, EUGENE, JR., US
[85] 2018-04-09
[86] 2016-10-06 (PCT/US2016/055702)
[87] (WO2017/062588)
[30] US (62/238,993) 2015-10-08

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[51] **Int.Cl. B27B 5/18 (2006.01) B23D 45/02 (2006.01) B23D 45/18 (2006.01)**
[25] EN
[54] **A CROSS-CUTTING CIRCULAR SAW DEVICE AND A METHOD OF CROSS-CUTTING AN OBJECT BY A CIRCULAR SAW DEVICE**
[54] **DISPOSITIF DE SCIE CIRCULAIRE A COUPE TRANSVERSALE ET PROCEDE DE COUPE TRANSVERSALE D'UN OBJET PAR UN DISPOSITIF DE SCIE CIRCULAIRE**
[72] ANDREASSON, BENGT, SE
[72] ANDREASSON, TOMAS, SE
[71] IKEA SUPPLY AG, CH
[85] 2018-04-09
[86] 2016-10-13 (PCT/SE2016/050985)
[87] (WO2017/065679)
[30] SE (1551326-0) 2015-10-14

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[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/4745 (2006.01)**
[25] EN
[54] **STABILIZING CAMPTOTHECIN PHARMACEUTICAL COMPOSITIONS**
[54] **STABILISATION DE COMPOSITIONS PHARMACEUTIQUES DE CAMPTOTHECINE**
[72] DRUMMOND, DARYL C., US
[72] KIRPOTIN, DMITRI B., US
[72] HAYES, MARK EAMON, US
[72] NOBLE, CHARLES, US
[72] KESPER, KEVIN, US
[72] AWAD, ANTOINE M., US
[72] MOORE, DOUGLAS J., US
[72] O'BRIEN, ANDREW J., US
[71] IPSEN BIOPHARM LTD., GB
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[30] US (62/242,873) 2015-10-16
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[30] US (62/244,082) 2015-10-20
[30] US (62/244,061) 2015-10-20

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[51] **Int.Cl. C01B 3/16 (2006.01)**
[25] EN
[54] **WATER GAS SHIFT PROCESS**
[54] **PROCEDE DE CONVERSION DE GAZ A L'EAU**
[72] CARASS, DAVID, GB
[72] GERMANI, GABRIELE, GB
[72] MACLEOD, NORMAN, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2018-04-09
[86] 2016-10-14 (PCT/GB2016/053180)
[87] (WO2017/072479)
[30] GB (1519139.8) 2015-10-29

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[51] **Int.Cl. A47K 5/14 (2006.01) B05B 7/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **FOAMING COMPONENT**
[54] **ELEMENT MOUSSANT**
[72] BANKS, STEWART, GB
[72] LIMBERT, DEAN, GB
[72] LANG, CHRIS, GB
[72] KIDD, JACK, GB
[72] BUTLER, ROB, GB
[71] DEB IP LIMITED, GB
[85] 2018-04-09
[86] 2016-10-25 (PCT/GB2016/053317)
[87] (WO2017/077269)
[30] GB (1519298.2) 2015-11-02

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[51] **Int.Cl. G01F 3/22 (2006.01) G01D 11/24 (2006.01) G01F 3/06 (2006.01)**
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[54] **FLOW SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR D'ECOULEMENT**
[72] HENRIKSEN, KIM ANDRE, NO
[72] TORJUSSEN, KENNETH, NO
[71] CAMERON TECHNOLOGIES LIMITED, NL
[85] 2018-04-09
[86] 2016-10-12 (PCT/US2016/056647)
[87] (WO2017/066326)
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[51] **Int.Cl. B01D 53/26 (2006.01) B01D 53/28 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION AND PROCESS FOR GAS DEHYDRATION**
[54] **COMPOSITION ET PROCEDE DE DESHYDRATATION DE GAZ**
[72] LAROCHE, CHRISTOPHE R., US
[72] HASSANZADEH, ARMIN, US
[72] KLINKER, ERIC J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-04-06
[86] 2016-10-03 (PCT/US2016/055099)
[87] (WO2017/069929)
[30] US (62/243,420) 2015-10-19

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[51] **Int.Cl. A61K 35/74 (2015.01) A61P 3/06 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING LACTOBACILLUS PLANTARUM 2830 (ECGC 13110402)**
[54] **COMPOSITION COMPRENANT LE LACTOBACILLUS PLANTARUM 2830 (ECGC 13110402)**
[72] O'HARA, STEPHEN PATRICK, GB
[71] OPTIBIOTIX LIMITED, GB
[85] 2018-04-09
[86] 2016-11-02 (PCT/GB2016/053389)
[87] (WO2017/077285)
[30] GB (1519326.1) 2015-11-02

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[13] A1
[51] **Int.Cl. G03F 7/20 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLED EXPOSURE OF FLEXOGRAPHIC PRINTING PLATES**
[54] **SYSTEME ET PROCEDE D'EXPOSITION COMMANDEE DE PLAQUES D'IMPRESSION FLEXOGRAPHIQUE**
[72] WOLTERINK, JORG, DE
[72] HANSEL, THOMAS, DE
[72] SIEVERS, WOLFGANG, DE
[71] ESKO-GRAPHICS IMAGING GMBH, DE
[85] 2018-04-09
[86] 2016-10-26 (PCT/IB2016/001660)
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[30] US (62/246,276) 2015-10-26

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[51] **Int.Cl. H04N 21/431 (2011.01) H04H 60/73 (2009.01) H04N 21/235 (2011.01) H04N 21/435 (2011.01) H04N 5/262 (2006.01) H04N 5/445 (2011.01)**
[25] EN
[54] **VIDEO-PRODUCTION SYSTEM WITH METADATA-BASED DVE FEATURE**
[54] **SYSTEME DE PRODUCTION VIDEO AYANT UNE CARACTERISTIQUE DVE BASEE SUR DES METADONNEES**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-04-09
[86] 2016-10-17 (PCT/US2016/057281)
[87] (WO2017/066737)
[30] US (62/242,593) 2015-10-16

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[51] **Int.Cl. D21H 27/02 (2006.01) D21H 27/22 (2006.01) D21H 27/30 (2006.01) D21H 27/32 (2006.01) D21H 27/34 (2006.01)**
[25] EN
[54] **DISPOSABLE TOWEL PRODUCED WITH LARGE VOLUME SURFACE DEPRESSIONS**
[54] **SERVIETTE JETABLE A CAVITES DE SURFACE DE GRAND VOLUME**
[72] SEALEY, JAMES E., US
[72] MILLER, BYRD TYLER, US
[72] GRUNWALD, JEFFREY, US
[72] HARRIS, ASHLEY, US
[72] PENCE, JUSTIN S., US
[71] FIRST QUALITY TISSUE, LLC, US
[85] 2018-04-09
[86] 2016-10-13 (PCT/US2016/056871)
[87] (WO2017/066465)
[30] US (62/240,880) 2015-10-13

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[51] **Int.Cl. C12H 1/22 (2006.01) C12G 1/00 (2006.01) C12G 3/00 (2006.01) C12G 3/04 (2006.01) C12G 3/06 (2006.01) C12G 3/07 (2006.01)**
[25] EN
[54] **ALCOHOLIC BEVERAGE AND METHOD OF MAKING THE SAME**
[54] **BOISSON ALCOOLISEE ET SON PROCEDE DE FABRICATION**
[72] HALL, DOUGLAS B., US
[72] FORSEE, BRUCE, US
[72] GIRGASH, JOSEPH M., US
[72] BEAUPRE, JAMES J., US
[71] EDRINGTON DISTILLERS LIMITED, GB
[85] 2018-04-09
[86] 2016-10-17 (PCT/US2016/057297)
[87] (WO2017/066740)
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[25] EN
[54] **ACCOMMODATING INTRAOCULAR LENSES AND METHODS OF MANUFACTURING**
[54] **LENTILLES INTRAOCULAIRES D'ACCOMMODATION ET PROCEDES DE FABRICATION**
[72] HILDEBRAND, DANIEL, US
[72] SMILEY, TERAH WHITING, US
[72] LEWIS, NATHAN, US
[72] ANGELOPOULOS, ROBERT, US
[71] POWERVISION, INC., US
[85] 2018-04-09
[86] 2016-11-07 (PCT/US2016/060799)
[87] (WO2017/079733)
[30] US (62/252,260) 2015-11-06
[30] US (62/321,678) 2016-04-12
[30] US (62/321,704) 2016-04-12
[30] US (62/321,705) 2016-04-12
[30] US (62/321,684) 2016-04-12
[30] US (62/321,670) 2016-04-12
[30] US (62/321,666) 2016-04-12
[30] US (62/321,665) 2016-04-12
[30] US (62/357,785) 2016-07-01
[30] US (62/377,402) 2016-08-19

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[51] **Int.Cl. A61K 31/33 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **SELENOSUGARS AND THERAPEUTIC USES THEREOF**
[54] **SELENOSUCRES ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] SCHIESSER, CARL HERBERT, AU
[72] STORKEY, CORIN, AU
[72] DAVIES, MICHAEL JONATHON, AU
[71] SELENO THERAPEUTICS PTY. LTD., AU
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[51] **Int.Cl. B01D 53/26 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **COMPACT SUBSEA DEHYDRATION**
[54] **DESHYDRATATION SOUS-MARINE COMPACTE**
[72] YEH, NORMAN K., US
[72] CULLINANE, J. TIM, US
[72] FOWLER, TRACY A., US
[72] RAMKUMAR, SHWETHA, US
[72] SHATTO, DONALD P., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2018-04-09
[86] 2016-09-12 (PCT/US2016/051212)
[87] (WO2017/087056)
[30] US (62/257,495) 2015-11-19

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[51] **Int.Cl. H04N 5/222 (2006.01) H04N 21/854 (2011.01) G11B 27/031 (2006.01) H04N 5/262 (2006.01)**
[25] EN
[54] **VIDEO-PRODUCTION SYSTEM WITH DVE FEATURE**
[54] **SYSTEME DE PRODUCTION DE VIDEO AVEC UNE CARACTERISTIQUE D'EFFET VIDEO NUMERIQUE (DVE)**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-04-09
[86] 2016-10-17 (PCT/US2016/057380)
[87] (WO2017/066778)
[30] US (62/242,593) 2015-10-16

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[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/00 (2018.01)**
[25] EN
[54] **APPLICATION SERVICE CONFIGURATION SYSTEM**
[54] **SYSTEME DE CONFIGURATION DE SERVICE D'APPLICATION**
[72] COBB, NICHOLAS, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2018-04-09
[86] 2016-10-13 (PCT/US2016/056874)
[87] (WO2017/066467)
[30] US (14/881,502) 2015-10-13

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIBODY CONJUGATES COMPRISING TOLL-LIKE RECEPTOR AGONIST**
[54] **CONJUGUES D'ANTICORPS COMPRENANT UN AGONISTE DU RECEPTEUR DE TYPE TOLL**
[72] CORTEZ, ALEX, US
[72] GEIERSTANGER, BERNHARD HUBERT, US
[72] HOFFMAN, TIMOTHY Z., US
[72] KASIBHATLA, SHAILAJA, US
[72] UNO, TETSUO, US
[72] WANG, XING, US
[72] WU, TOM YAO-HSIANG, US
[71] NOVARTIS AG, CH
[85] 2018-04-09
[86] 2016-10-25 (PCT/IB2016/056417)
[87] (WO2017/072662)
[30] US (62/247,896) 2015-10-29

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[51] **Int.Cl. C07D 221/22 (2006.01) A61K 31/439 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PIPERAZINYL NORBENZOMORPHAN COMPOUNDS AND METHODS FOR USING THE SAME**
[54] **COMPOSES DE PIPERAZINYL NORBENZOMORPHANE ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] MARTIN, STEPHEN F., US
[72] SAHN, JAMES J., US
[72] HODGES, TIMOTHY R., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2018-04-09
[86] 2016-10-19 (PCT/US2016/057739)
[87] (WO2017/070229)
[30] US (62/243,568) 2015-10-19

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[13] A1
[51] **Int.Cl. B32B 27/08 (2006.01)**
[25] EN
[54] **MULTILAYER PLASTIC FILM WITH HEAT RESISTANT OUTER LAYERS AND SLOW AND NORMAL CRYSTALLIZING POLYAMIDES**
[54] **FILM PLASTIQUE MULTICOUCHE COMPORTANT DES COUCHES EXTERIEURES RESISTANTES A LA CHALEUR ET DES POLYAMIDES A CRISTALLISATION LENTE ET NORMALE**
[72] PLANETA, MIROSLAV, CA
[72] TAMBER, HARINDER, CA
[71] MACRO TECHNOLOGY INC., CA
[85] 2018-04-10
[86] 2016-10-14 (PCT/CA2016/051196)
[87] (WO2017/063087)
[30] US (62/242,022) 2015-10-15

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[13] A1
[51] **Int.Cl. B66F 11/04 (2006.01) B60M 1/28 (2006.01) B66F 13/00 (2006.01) B66F 17/00 (2006.01)**
[25] EN
[54] **PLATFORM TRUCK FOR CATENARY WIRE INSTALLATION AND METHOD OF USE**
[54] **CAMION A PLATE-FORME D'INSTALLATION D'UN CABLE DE CATENAIRE ET PROCEDE D'UTILISATION ASSOCIE**
[72] CLAYPOOL, JAMES, US
[71] MASS. ELECTRIC CONSTRUCTION CO., US
[85] 2018-04-09
[86] 2016-10-13 (PCT/US2016/056876)
[87] (WO2017/066469)
[30] US (14/882,078) 2015-10-13

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[13] A1
[51] **Int.Cl. E02D 17/20 (2006.01) E02D 29/02 (2006.01)**
[25] EN
[54] **GEOGRID MADE FROM A COEXTRUDED MULTILAYERED POLYMER**
[54] **GEOGRILLE REALISEE A PARTIR DE POLYMERE MULTICOUCHE COEXTRUDE**
[72] SHELTON, WILLIAM STANLEY, US
[72] TYAGI, MANOJ KUMAR, US
[71] TENSAR CORPORATION, LLC, US
[85] 2018-04-09
[86] 2016-10-06 (PCT/US2016/055768)
[87] (WO2017/062632)
[30] US (62/239,416) 2015-10-09

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[13] A1
[51] **Int.Cl. H04H 20/18 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **METHODS FOR SYNCHRONIZING MULTIPLE DEVICES AND DETERMINING LOCATION BASED ON THE SYNCHRONIZED DEVICES**
[54] **PROCEDES DE SYNCHRONISATION DE MULTIPLES DISPOSITIFS ET DE DETERMINATION D'UN EMPLACEMENT EN FONCTION DES DISPOSITIFS SYNCHRONISES**
[72] HOLLAR, SETH EDWARD-AUSTIN, US
[71] WISER SYSTEMS, INC., US
[85] 2018-04-09
[86] 2016-11-09 (PCT/US2016/061083)
[87] (WO2017/083353)
[30] US (62/252,753) 2015-11-09

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[13] A1
[51] **Int.Cl. C09D 131/04 (2006.01) C09D 4/02 (2006.01) C09D 123/08 (2006.01) C09D 127/06 (2006.01)**
[25] EN
[54] **TOPCOAT COMPOSITION, METHOD OF COATING SUBSTRATES WITH THE SAME, AND SUBSTRATE**
[54] **COMPOSITION DE COUCHE DE FINITION, PROCEDE DE REVETEMENT DE SUBSTRATS AVEC CETTE DERNIERE, ET SUBSTRAT**
[72] SUN, MEIRU, CN
[72] YAN, HAILONG, CN
[71] PPG COATINGS (TIANJIN) CO., LTD., CN
[85] 2018-04-10
[86] 2015-10-12 (PCT/CN2015/091759)
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[13] A1
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[25] EN
[54] **TEMPERATURE CONTROL BY REMOTELY CONTROLLING AN AIR HANDLING DEVICE AND USING THE TEMPERATURE SENSOR OF A WIRELESS VOLATILE COMPOSITION DISPENSER**
[54] **REGULATION DE TEMPERATURE PAR COMMANDE A DISTANCE D'UN DISPOSITIF DE TRAITEMENT D'AIR ET UTILISATION DU CAPTEUR DE TEMPERATURE D'UN DISTRIBUTEUR DE COMPOSITION VOLATILE SANS FIL**
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ENHANCED OIL RECOVERY FLUID COMPRISING POTASSIUM CARBONATE, ASSOCIATED METHODS AND ARRANGEMENT**
[54] **FLUIDE DE RECUPERATION DE PETROLE AMELIORE COMPRENANT DU CARBONATE DE POTASSIUM, PROCEDES ASSOCIES ET AGENCEMENT**
[72] HOFSTATTER, HERBERT, AT
[71] MONTANUNIVERSITAT LEOBEN, AT
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[54] **INTEGRATED GAS TURBINE AND CONVERSION SYSTEM PROCESS**
[54] **TURBINE A GAZ INTEGREE ET PROCEDE ET SYSTEME DE CONVERSION**
[72] IACCINO, LARRY L., US
[72] LEMOINE, ROMAIN O.V., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[54] **FORMULATIONS OF DABIGATRAN ETEXILATE OR DABIGATRAN ETEXILATE SALTS AND PREPARATION METHODS THEREOF**
[54] **FORMULATIONS DE DABIGATRAN ETEXILATE OU SELS DE DABIGATRAN ETEXILATE ET METHODES DE PREPARATION ASSOCIEES**
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[72] SHENG, XIAOXIA, CN
[71] SOLIPHARMA LLC, CN
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[54] **COVERING FOR AN OPENING/RECESS IN A WALL OR CEILING**
[54] **CACHE POUR UNE OUVERTURE/UN EVIDEMENT REALISE(E) DANS UNE PAROI OU UN PLAFOND**
[72] HAUBENHOFER, DIETMAR, DE
[72] GEHRMANN, THORSTEN MARCUS, DE
[71] HAUBENHOFER, DIETMAR, DE
[71] GEHRMANN, THORSTEN MARCUS, DE
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[54] **CONDUCTOR PATH STRUCTURE HAVING A COMPONENT RECEIVED IN A VIBRATION-DAMPED MANNER**
[54] **STRUCTURE DE PISTES CONDUCTRICES AVEC UN COMPOSANT LOGE AVEC AMORTISSEMENT DES VIBRATIONS**
[72] KURZEJA, DIETMAR, DE
[72] MORGENTHALER, FREDERIC, DE
[71] POSSEHL ELECTRONICS DEUTSCHLAND GMBH, DE
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[54] **FAILURE INDICATOR SUPPLEMENTAL VESSEL FOR PRIMARY VESSEL**
[54] **RECIPIENT SUPPLEMENTAIRE INDICATEUR DE DEFAILLANCE POUR RECIPIENT PRIMAIRE**
[72] NEWHOUSE, NORMAN L., US
[71] HEXAGON TECHNOLOGY AS, NO
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[54] **APPARATUS AND METHOD FOR LABELING INDIVIDUAL PACKAGES**
[54] **PROCEDE ET DISPOSITIF D'ETIQUETAGE D'EMBALLAGES INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] JUNG, ULRICH, DE
[71] ESPERA-WERKE GMBH, DE
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[54] **METHOD AND SYSTEM FOR AUTONOMOUS OR SEMI-AUTONOMOUS DELIVERY**
[54] **PROCEDE ET SYSTEME DE LIVRAISON AUTONOME OU SEMI-AUTONOME**
[72] HEINLA, AHTI, EE
[72] MARTINSON, ALLAN, EE
[72] VOLKOV, KALLE-RASMUS, EE
[72] MACKS, ANDREW, EE
[72] ROBERTS, LINDSAY, EE
[72] MANDRE, INDREK, EE
[72] LIIVIK, MART, EE
[72] LIIVIK, TIIT, EE
[72] LIIVIK, IVO, EE
[71] STARSHIP TECHNOLOGIES OU, EE
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[25] EN
[54] **METHOD FOR FIXING AN EXPANSION ANCHOR TO A SUBSTRATE, IN WHICH A CURABLE MASS IS INTRODUCED IN THE ANNULAR SPACE AROUND THE EXPANSION ANCHOR**
[54] **PROCEDE DE FIXATION D'UN ELEMENT D'ANCRAGE A EXPANSION SUR UN SUBSTRAT, SELON LEQUEL UNE MATIERE DURCISSABLE EST INTRODUITE DANS L'ESPACE ANNULAIRE AUTOUR L'ELEMENT D'ANCRAGE A EXPANSION**
[72] MEINDORFER, TANJA, CH
[72] GUIDA, GIUSEPPE, CH
[72] HAEFLIGER, KATHRIN, CH
[72] SCHAEFFER, MARC, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
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[54] **FLAVOR INFUSED ALCOHOLIC BEVERAGE AND METHOD OF MAKING THE SAME**
[54] **BOISSON ALCOOLISEE INFUSEE AROMATISEE ET SON PROCEDE DE FABRICATION**
[72] HALL, DOUGLAS B., US
[72] GIRGASH, JOSEPH M., US
[72] FORSEE, BRUCE, US
[72] BEAUPRE, JAMES J., US
[71] EDRINGTON DISTILLERS LIMITED, GB
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[86] 2016-11-30 (PCT/US2016/064204)
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[25] EN
[54] **INCORPORATION OF LIGNIN IN POLYURETHANE PRODUCTS**
[54] **INCORPORATION DE LIGNINE DANS DES PRODUITS A BASE DE POLYURETHANE**
[72] PHANOPOULOS, CHRISTOPHER, BE
[72] PANS, GRIET, BE
[72] TEBOUL, MATHILDE, BE
[72] LIMA GARCIA, JORGE, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
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[25] EN
[54] **HIGH STRENGTH AND CORROSION RESISTANT ALLOY FOR USE IN HVAC&R SYSTEMS**
[54] **ALLIAGE A HAUTE RESISTANCE ET RESISTANT A LA CORROSION DESTINE A ETRE UTILISE DANS DES SYSTEMES HVAC&R**
[72] KADALI, JYOTHI, US
[72] SIMIELLI, EIDER ALBERTO, US
[72] GATENBY, KEVIN MICHAEL, US
[71] NOVELIS INC., US
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[54] **MILK-FREE, SUGAR-FREE, GLUTEN-FREE, SOY-FREE WHITE CHOCOLATE FORMULATION WITH OR WITHOUT FIBRES**
[54] **FORMULATION DE CHOCOLAT BLANC SANS LAIT, SANS SUCRE, SANS GLUTEN, SANS SOJA ET AVEC OU SANS FIBRES**
[72] GIUNTI DE OLIVEIRA, LUIZ CARMINE, BR
[72] ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA, BR
[71] GIUNTI DE OLIVEIRA, LUIZ CARMINE, BR
[71] ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA, BR
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[54] **WATER-GAS SHIFT CATALYST**
[54] **UNITE DE CONVERSION DU CO**
[72] ALEXANDER, ANNE-MARIE CHRISTINA, GB
[72] COUSINS, MATTHEW JOHN, GB
[72] MARIGO, MICHELE, GB
[72] MCKIDD, NICOLA CAMPBELL, GB
[72] SENGELOW, WILLIAM MAURICE, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[54] **CXCR6-TRANSDUCED T CELLS FOR TARGETED TUMOR THERAPY**
[54] **LYMPHOCYTES T TRANSDUITS EXPRIMANT CXCR6 POUR LA THERAPIE TUMORALE CIBLEE**
[72] KOBOLD, SEBASTIAN, DE
[72] ENDRES, STEFAN, DE
[72] RAPP, MORITZ, CH
[72] GRASSMANN, SIMON, DE
[71] LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN, DE
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[25] EN
[54] **HIGH SOLIDS PCC WITH COPOLYMERIC ADDITIVE**
[54] **CARBONATE DE CALCIUM PRECIPITE RICHE EN SOLIDES AVEC ADDITIF COPOLYMERE**
[72] MAURER, MARC, FR
[72] JACQUEMET, CHRISTIAN, FR
[71] OMYA INTERNATIONAL AG, CH
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[54] **METHODS AND COMPOSITIONS FOR TREATING SYSTEMIC MASTOCYTOSIS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MASTOCYTOSE SYSTEMIQUE**
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[72] TOMASEVIC, NENAD, US
[72] FALAHATI, RUSTOM, US
[71] ALLAKOS INC., US
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[54] **DERIVES DE FUROSTAN-3-OL A UTILISER EN TANT QU'AGENTS POUR L'HYPERTROPHIE MUSCULO-SQUELETTIQUE**
[72] TALLEY, JOHN J., US
[71] EMMYON, INC., US
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[25] EN
[54] **MICROBICIDAL AQUEOUS SOLUTIONS INCLUDING A MONOCHLORAMINE AND A PERACID, AND METHODS OF USING THE SAME**
[54] **SOLUTIONS AQUEUSES MICROBICIDES COMPRENANT DE LA MONOCHLORAMINE ET UN PERACIDE, ET LEURS PROCEDES D'UTILISATION**
[72] OPPONG, DAVID, US
[72] ZUGNO, LUIS, US
[72] MCNEEL, THOMAS E., US
[72] FRENZEL, SHAWN PAUL, US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2018-04-09
[86] 2016-10-28 (PCT/US2016/059261)
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[30] US (62/247,351) 2015-10-28
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[25] EN
[54] **AN ELECTRICITY SUPPLY CONTROL SYSTEM AND A METHOD THEREOF**
[54] **SYSTEME DE COMMANDE D'ALIMENTATION ELECTRIQUE ET SON PROCEDE**
[72] SANDAHL, KRISTIAN, SE
[71] OVERAS INVEST AB, SE
[85] 2018-04-10
[86] 2016-10-28 (PCT/EP2016/076097)
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[25] EN
[54] **JOINT FOR ELECTRIC CABLES WITH THERMOPLASTIC INSULATION AND METHOD FOR MANUFACTURING THE SAME**
[54] **JONCTION POUR CABLES ELECTRIQUES AVEC ISOLATION THERMOPLASTIQUE ET SON PROCEDE DE FABRICATION**
[72] CAIMI, LUIGI, IT
[72] DE MARTINO, LUIGI, IT
[71] PRYSMIAN S.P.A., IT
[85] 2018-04-10
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[54] **GLASS ARTICLES WITH MIXED POLYMER AND METAL OXIDE COATINGS**
[54] **ARTICLES EN VERRE POURVUS DE REVETEMENTS MIXTES DE POLYMERE ET D'OXYDE METALLIQUE**
[72] HENRY, DAVID, FR
[72] LACARRIERE, VALERIE CLAUDINE, FR
[71] CORNING INCORPORATED, US
[85] 2018-04-09
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[54] **BALISAGE AERIEN D'UNE EOLIENNE**
[72] HARMS, STEPHAN, DE
[72] STURENBURG, ERICH, DE
[72] RETTER, DANIEL, DE
[72] KOCKLAR, MATTHIAS, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **SANDWICH CLEARING STRIP**
[54] **BAGUETTE DE CHASSE-NEIGE EN CONSTRUCTION SANDWICH**
[72] KUPER, ROLAND, DE
[71] KUPER GMBH & CO. KG, DE
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[25] EN
[54] **METHOD FOR REDUCING HARMFUL GAS EMISSIONS FROM A GAS-FIRED SEALED COMBUSTION CHAMBER FORCED-DRAUGHT BOILER USING FLUE GAS RECIRCULATION AND ACCORDING BOILER**
[54] **PROCEDE DE REDUCTION D'EMISSIONS DE GAZ NOCIFS D'UNE CHAUDIERE A CIRCULATION FORCEE A CHAMBRE DE COMBUSTION SCELLEE A GAZ UTILISANT UNE RECIRCULATION DE GAZ DE COMBUSTION, ET CHAUDIERE CORRESPONDANTE**
[72] BERTELLI, PIERLUIGI, IT
[71] BERTELLI & PARTNERS S.R.L., IT
[85] 2018-04-10
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[54] **INDUCIBLE MODIFICATION OF A CELL GENOME**
[54] **MODIFICATION INDUCTIBLE D'UN GENOME CELLULAIRE**
[72] MARESCA, MARCELLO, SE
[72] BOHLOOLY-YEGANEH, MOHAMMAD, SE
[72] JAISWAL, HIMJYOT, SE
[72] MAYR, LORENZ M., SE
[72] XU, XIUFENG, SE
[71] ASTRAZENECA AB, SE
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[25] FR
[54] **THIN SHEETS MADE FROM ALUMINIUM-MAGNESIUM-ZIRCONIUM ALLOYS FOR AEROSPACE APPLICATIONS**
[54] **TOLES MINCES EN ALLIAGE ALUMINIUM-MAGNESIUM-ZIRCONIUM POUR APPLICATIONS AEROSPATIALES**
[72] POUGET, GAELLE, FR
[72] EHRSTROM, JEAN-CHRISTOPHE, FR
[72] SIGLI, CHRISTOPHE, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2018-04-10
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[25] EN
[54] **TEMPERATURE-CONTROL DEVICE FOR A BATTERY SYSTEM**
[54] **DISPOSITIF DE REGULATION DE TEMPERATURE POUR SYSTEME DE BATTERIE**
[72] KREISEL, PHILLIP, AT
[72] KREISEL JUN., JOHANN, AT
[72] KREISEL, MARKUS, AT
[71] KREISEL ELECTRIC GMBH & CO KG, AT
[85] 2018-04-10
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[30] DE (10 2015 013 377.2) 2015-10-18

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[51] **Int.Cl. H01M 2/14 (2006.01) H01M 10/0525 (2010.01) H01M 2/16 (2006.01)**
[25] EN
[54] **COATED BATTERY SEPARATOR**
[54] **SEPARATEUR DE BATTERIE REVETU**
[72] BISO, MAURIZIO, IT
[72] MOLENA, ELENA, IT
[72] COLOMBO, ROBERTA, IT
[71] SOLVAY SPECIALTY POLYMERS ITALY S.P.A., IT
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[54] **METHOD FOR COMPRESSING AN INCOMING FEED AIR STREAM IN A CRYOGENIC AIR SEPARATION PLANT**
[54] **PROCEDE DE COMPRESSION DE FLUX D'AIR D'ALIMENTATION ENTRANT DANS UNE INSTALLATION DE SEPARATION D'AIR CRYOGENIQUE**
[72] HOWARD, HENRY E., US
[72] SCHWARZ, CARL L., US
[72] ABDELWAHAB, AHMED F., US
[72] ROSEN, LEE J., US
[72] DEGENSTEIN, NICK J., US
[72] CHEN, REH-LIN, US
[71] PRAXAIR TECHNOLOGY, INC., US
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[54] **STRINGER-LESS FUSELAGE STRUCTURE AND METHOD OF MANUFACTURE**
[54] **STRUCTURE DE FUSELAGE SANS LISSE ET PROCEDE DE FABRICATION**
[72] MAROUZE, JEAN-PHILIPPE, CA
[71] BOMBARDIER INC., CA
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[54] **CLASS DIVIDER FOR AN AIRCRAFT PASSENGER CABIN**
[54] **SEPARATEUR DE CLASSE POUR CABINE PASSAGERS D'AVION**
[72] BEAUMONT, VINCENT, CA
[72] BLOCK, MICHAEL, CA
[72] GRANT, ROBERT, CA
[72] RADACOVICI, LILI-MET, CA
[71] BOMBARDIER INC., CA
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[25] EN
[54] **WORK MACHINE MANAGEMENT SYSTEM, WORK MACHINE, AND WORK MACHINE MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION D'ENGIN DE CHANTIER, ENGIN DE CHANTIER ET PROCEDE DE GESTION D'ENGIN DE CHANTIER**
[72] SAKAI, ATSUSHI, JP
[72] MINAGAWA, MASANORI, JP
[72] OZAKI, TOMONORI, JP
[71] KOMATSU LTD., JP
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[54] **FULVESTRANT COMPOSITIONS**
[54] **COMPOSITIONS DE FULVESTRANT**
[72] PATEL, DINESH SHANTILAL, IN
[72] PATEL, SACHIN DINESH, IN
[72] KURANI, SHASHIKANT PRABHUDAS, IN
[72] SOPPIMATH, KUMARESH, US
[71] THEMIS MEDICARE LIMITED, IN
[71] NEVAKAR LLC, US
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[54] **DRIVE DEVICE FOR A CONSTRUCTION MACHINE**
[54] **DISPOSITIF D'ENTRAINEMENT DESTINE A UNE MACHINE DE CONSTRUCTION**
[72] DESCH, HENDRIK PETER, DE
[72] PLATTFAUT, BERNHARD, DE
[71] DESCH ANTRIEBSTECHNIK GMBH & CO. KG, DE
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[54] **PYRAZINE COMPOUND AND ARTHROPOD PEST CONTROL AGENT CONTAINING SAME**
[54] **COMPOSE PYRAZINE ET AGENT DE LUTTE CONTRE LES ARTHROPODES NUISIBLES CONTENANT CELUI-CI**
[72] ORIMOTO, KOHEI, JP
[72] NOKURA, YOSHIHIKO, JP
[72] NAKAJIMA, YUJI, JP
[72] TANABE, TAKAMASA, JP
[72] KIMURA, TAKAHIRO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
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[54] **AS-ROLLED TYPE K55 ELECTRIC RESISTANCE WELDED OIL WELL PIPE AND HOT-ROLLED STEEL SHEET**
[54] **TUYAU DE PUITS DE PETROLE SOUDE PAR RESISTANCE ELECTRIQUE K55 DE TYPE BRUT DE LAMINAGE, ET TOLE EN ACIER LAMINEE A CHAUD**
[72] ISHITSUKA, TETSUO, JP
[72] TSUSUE, TAKASHI, JP
[72] IWAMOTO, SHUJI, JP
[72] KOBAYASHI, SHUNICHI, JP
[72] OGATA, TOSHIYUKI, JP
[72] YOSHIDA, OSAMU, JP
[72] KAWANO, HIDETO, JP
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[54] **SYSTEM AND METHOD FOR VEHICLE SERVICE SCHEDULER**
[54] **SYSTEME ET PROCEDE DE PROGRAMMATEUR D'ENTRETIEN DE VEHICULE**
[72] JOHNSON, LESTER B., US
[72] DWULET, JOHN H., US
[71] MITCHELL REPAIR INFORMATION COMPANY, LLC, US
[85] 2018-04-09
[86] 2016-11-01 (PCT/US2016/059830)
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[54] **MULTI-CHAMBER FILM BAG AND USE THEREOF**
[54] **SACHET SOUPLE MULTICOMPARTIMENT ET SON UTILISATION**
[72] FORG, CHRISTIAN, DE
[72] JEROMENOK, JEKATERINA, DE
[72] KLUJ, ESTHER RAHEL, DE
[72] PAETOW, MARIO, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2018-04-10
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[54] **ELECTRODE A DIFFUSION GAZEUSE ET PILE A COMBUSTIBLE**
[72] SHIGETA, KAZUYO, JP
[72] UTSUNOMIYA, MASAMICHI, JP
[72] OKANO, YASUTAKA, JP
[72] TANIMURA, YASUAKI, JP
[72] KAMAE, TOSHIYA, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **ELEMENT DE DECHARGE AVEC FILTRE**
[72] SHINDOME, TSUYOSHI, JP
[72] NATSUME, WAKA, JP
[71] EIKEN KAGAKU KABUSHIKI KAISHA, JP
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[54] **LASER SYSTEM WITH PULSE MODULATION AND CORRESPONDING METHOD OF USE**
[54] **SYSTEME LASER A MODULATION D'IMPULSION ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] SHAZLY, TAREK A., US
[72] LATINA, MARK A., US
[71] VISUMEDICS, INC., US
[85] 2018-04-09
[86] 2016-10-18 (PCT/US2016/057500)
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[54] **MULTI-CHAMBER FILM BAG AND USE THEREOF**
[54] **SACHET SOUPLE MULTICOMPARTIMENT ET SON UTILISATION**
[72] JEROMENOK, JEKATERINA, DE
[72] KLUJ, ESTHER RAHEL, DE
[72] PAETOW, MARIO, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[25] EN
[54] **COMPOSITIONS FOR USE IN RECOVERING OR AMELIORATING DETERIORATION OF PHYSIOLOGICAL FUNCTIONS DUE TO AGING**
[54] **COMPOSITION POUR RECUPERER OU AMELIORER LA DEGRADATION DE FONCTIONS PHYSIOLOGIQUES DUE AU VIEILLISSEMENT**
[72] KANEDA, HAYATO, JP
[71] RIKEN, JP
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[86] 2016-12-27 (PCT/JP2016/088865)
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[54] **AIGUILLE ECHOGENE**
[72] CRISMAN, ANDREW, US
[72] GRANATA, ALYSA LAUREN, US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2018-04-09
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[54] **POWER SWIVEL AND GOOSENECK**
[54] **TETE ORIENTABLE ET COL DE CYGNE**
[72] WALKER, CHRISTOPHER BRIAN, US
[72] DO, HENRY, US
[72] PAPP, ROBERT IOAN, US
[72] PUSCAS, MIHAIL, US
[72] BLANKENSHIP, CALVIN RONALD, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2018-04-09
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[30] US (62/245,501) 2015-10-23

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[25] EN
[54] **COMPOSITION COMPRISING LACTOBACILLUS PLANTARUM 2830 (ECGC 13110402)**
[54] **COMPOSITION COMPRENANT DU LACTOBACILLUS PLANTARUM 2830 (ECGC 13110402)**
[72] O'HARA, STEPHEN, GB
[71] OPTIBIOTIX LTD, GB
[85] 2018-04-09
[86] 2016-11-02 (PCT/GB2016/053390)
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[54] **SERINGUE**
[72] RA, YONG-KUK, KR
[71] RA, YONG-KUK, KR
[85] 2018-04-10
[86] 2016-10-27 (PCT/KR2016/012127)
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[54] **FILTERING SYRINGE**
[54] **FILTRE SERINGUE**
[72] RA, YONG-KUK, KR
[71] RA, YONG-KUK, KR
[85] 2018-04-10
[86] 2016-10-27 (PCT/KR2016/012119)
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 11/00 (2006.01)**
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[54] **JAK KINASE INHIBITOR COMPOUNDS FOR TREATMENT OF RESPIRATORY DISEASE**
[54] **COMPOSES INHIBITEURS DE KINASE JAK POUR LE TRAITEMENT DE MALADIES RESPIRATOIRES**
[72] FATHEREE, PAUL R., US
[72] JACOBSEN, JOHN R., US
[72] BEAUSOLEIL, ANNE-MARIE, US
[72] BRANDT, GARY E.L., US
[72] FLEURY, MELISSA, US
[72] JIANG, LAN, US
[72] SMITH, CAMERON, US
[72] SULLIVAN, STEVEN D.E., US
[72] VAN ORDEN, LORI JEAN, US
[72] COLSON, PIERRE-JEAN, US
[72] FASS, GENE TIMOTHY, US
[72] RAPTA, MIROSLAV, US
[72] BENJAMIN, NOAH, US
[72] DABROS, MARTA, US
[72] THALLADI, VENKAT R., US
[71] THERAVANCE BIOPHARMA R&D IP, LLC, US
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[51] **Int.Cl. A61K 38/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD TO IMPROVE SAFETY AND EFFICACY OF ANTI-CANCER THERAPY**
[54] **METHODE POUR AMELIORER LA SECURITE ET L'EFFICACITE D'UNE THERAPIE ANTICANCEREUSE**
[72] GENKIN, DMITRY DMITRIEVICH, RU
[72] TETS, GEORGY VIKTOROVICH, RU
[72] TETS, VIKTOR VENIAMINOVICH, RU
[71] CLS THERAPEUTICS LIMITED, GB
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[54] **CHECK-IN TO CHECKOUT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'ENREGISTREMENT/ENCAISSEMENT**
[72] KIEFFER, BRADLEY JOSEPH, US
[72] MATTHEWS, MARK, US
[72] DANIYALZADE, EYTAN, US
[72] BERRY, CHARLES DAVID, US
[72] RAJENDRAN, PRASANNA, US
[72] NELMS, DAVID MARTIN, US
[72] ECKERT, DANIEL, US
[71] WALMART APOLLO, LLC, US
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[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING BROADCASTING SIGNAL FRAME THAT INCLUDES PREAMBLE FOR SIGNALLING INJECTION LEVEL INFORMATION**
[54] **APPAREIL ET PROCEDE POUR GENERER UNE TRAME DE SIGNAL DE DIFFUSION QUI COMPREND UN PREAMBULE AFIN DE SIGNALER DES INFORMATIONS DE NIVEAU D'INJECTION**
[72] PARK, SUNG-IK, KR
[72] LEE, JAE-YOUNG, KR
[72] KWON, SUN-HYOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **RE-USING E-COMMERCE PAYMENT INSTRUMENTS FOR IN-STORE USE SYSTEMS AND METHODS**
[54] **REUTILISATION D'INSTRUCTIONS DE PAIEMENT DE COMMERCE ELECTRONIQUE POUR SYSTEMES ET PROCEDES D'UTILISATION EN MAGASIN**
[72] KIEFFER, BRADLEY JOSEPH, US
[72] MATTHEWS, MARK, US
[72] DANIYALZADE, EYTAN, US
[72] NELMS, DAVID MARTIN, US
[72] RAJENDRAN, PRASANNA, US
[72] BERRY, CHARLES DAVID, US
[72] ECKERT, DANIEL, US
[71] WALMART APOLLO, LLC, US
[85] 2018-04-10
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[25] EN
[54] **METHOD FOR PURIFYING BENZOPYRAN DERIVATIVE, CRYSTAL FORM THEREOF, AND METHOD FOR PREPARING CRYSTAL FORM**
[54] **PROCEDE DE PURIFICATION DE DERIVE DE BENZOPYRANE, FORME CRISTALLINE CORRESPONDANTE ET PROCEDE DE PREPARATION DE LA FORME CRISTALLINE**
[72] RYU, JAE-CHUN, KR
[72] PARK, YONG-KYUN, KR
[72] KIM, HYUN-KYU, KR
[72] SHIN, DONG-YEOP, KR
[71] HANLIM PHARMACEUTICAL CO., LTD., KR
[85] 2018-04-10
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[30] KR (10-2015-0167238) 2015-11-27

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[72] GIUSEPPIN, MARCO LUIGI FEDERICO, NL
[72] MOOIJ, CATHARINA MARIA ANTOINETTE, NL
[72] SPELBRINK, ROBIN ERIC JACOBUS, NL
[71] COOPERATIE AVEBE U.A., NL
[85] 2018-04-10
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[51] **Int.Cl. C08J 5/18 (2006.01) B65D 65/46 (2006.01) C08L 29/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER SOLUBLE FILM, PACKETS EMPLOYING THE FILM, AND METHODS OF MAKING AND USING SAME**
[54] **FILM HYDROSOLUBLE, PAQUETS UTILISANT CE FILM ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] FRIEDRICH, STEVEN G., US
[72] LEE, DAVID M., US
[72] NII, SHINSUKE, US
[71] MONOSOL, LLC, US
[85] 2018-04-09
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[25] EN
[54] **TRIGGERING AN EXOTHERMIC REACTION FOR RESERVOIRS USING MICROWAVES**
[54] **DECLENCHEMENT D'UNE REACTION EXOTHERMIQUE POUR RESERVOIRS AU MOYEN DE MICRO-ONDES**
[72] AL-NAKHLI, AYMAN R., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2018-04-09
[86] 2016-11-03 (PCT/US2016/060247)
[87] (WO2017/079386)
[30] US (62/251,609) 2015-11-05

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[51] **Int.Cl. C11D 17/04 (2006.01) B65D 65/46 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE FILMS, POUCHES, AND CONTAINER SYSTEMS**
[54] **FILMS SOLUBLES DANS L'EAU, POCHES ET SYSTEMES DE CONTENANT**
[72] FRIEDRICH, STEVEN G., US
[72] LABEQUE, REGINE, BE
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] MARIA, KAREL JOZEF DEPOOT, US
[72] GERMAIN, HUGO ROBERT DENUTTE, US
[71] MONOSOL, LLC, US
[85] 2018-04-09
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[30] US (62/322,234) 2016-04-13

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[51] **Int.Cl. B65D 65/46 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE PACKETS**
[54] **EMBALLAGES HYDROSOLUBLES**
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] FRIEDRICH, STEVEN G., US
[72] YEUNG, LEE K., US
[72] NII, SHINSUKE, US
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[72] NELMS, DAVID MARTIN, US
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[72] DANIYALZADE, EYTAN, US
[72] RAJENDRAN, PRASANNA, US
[72] BERRY, CHARLES DAVID, US
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[71] ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
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[54] **DISPOSITIFS D'ISOLEMENT DE PUITS DE FORAGE POURVUS DE BANDES DE RETENUE ET DE BANDES D'USURE AYANT DES SURFACES MODIFIEES**
[72] FRIPP, MICHAEL LINLEY, US
[72] GANO, JOHN CHARLES, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] MARSCHALKO, CORNELL S., US
[72] FAUSTINI, LOU, US
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[54] **CATALYSEURS DE POLYURETHANNE A BASE DE SELS SOUFRES**
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[54] **PROCEDE DE COMPRESSION D'UN FLUX D'AIR D'ALIMENTATION ENTRANT DANS UNE INSTALLATION DE SEPARATION D'AIR CRYOGENIQUE**
[72] DEGENSTEIN, NICK J., US
[72] ROSEN, LEE J., US
[72] ABDELWAHAB, AHMED F., US
[72] SCHWARZ, CARL L., US
[72] CHEN, REH-LIN, US
[72] HOWARD, HENRY E., US
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[54] **POMPE A TIGE LINEAIRE ET A MOTEURS EN TANDEM**
[72] HILGERS, ANDREW J., US
[72] MACDONALD, MICHAEL A., US
[72] GREGORY, BENJAMIN J., US
[72] PETERSON, RONALD G., US
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[54] **PROCEDE DE COMPRESSION D'UN COURANT D'AIR ENTRANT D'ALIMENTATION DANS UNE INSTALLATION DE SEPARATION CRYOGENIQUE DE L'AIR**
[72] SCHWARZ, CARL L., US
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[54] **SYSTEME ET APPAREIL DE COMPRESSION ET DE REFROIDISSEMENT D'UN FLUX D'AIR D'ALIMENTATION ENTRANT DANS UNE INSTALLATION DE SEPARATION D'AIR CRYOGENIQUE**
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[72] ABDELWAHAB, AHMED F., US
[72] ROSEN, LEE J., US
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[54] **FLUIDES GELIFIANTS ET PROCEDES D'UTILISATION ASSOCIES**
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[72] NDONG, ROSE, US
[72] SHEN, LINGJUAN, US
[72] RABIE, AHMED, US
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[72] FERNALD, MARK R., US
[72] AMELUNXEN, PETER, CA
[71] CIDRA CORPORATE SERVICES INC., US
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[72] LEE, DO-HYUN, US
[72] WICKRAMASINGHE, H. KUMAR, US
[72] TAO, YINGLEI, US
[72] LI, XUAN, US
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[72] GARY, KENNETH, US
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[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE SACS ET D'ANALYSE DE VENTES D'ARTICLES PROMUS SUR LES SACS**
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[72] CHEBIYYAM, VENKATA SUBRAHMANYAM CHANDRA SEKHAR, US
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[54] **PROCEDE DE PURIFICATION DE METHACRYLATE DE METHYLE**
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[72] PENDERGAST, JOHN G., US
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[72] REGAN, MICHAEL CHRISTOPHER, US
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[54] **CONTROLE THERAPEUTIQUE AMELIORE DE FORMES D'INTERLEUKINE-12 DESTABILISEES SENSIBLES A LA PROTEOLYSE**
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[72] REED, CHARLES, US
[72] STEWART, CHARLES ANDREW (MARSHALL), US
[72] EMTAGE, PETER, US
[72] SHAH, RUTUL, US
[72] CHAN, TIMOTHY, US
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[54] **DISPOSITIF DE STOCKAGE ROTATIF**
[72] HALL, DAVID, US
[71] REV-A-SHELF COMPANY, LLC, US
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[54] **MOLECULES D'ACIDE NUCLEIQUE CONTENANT DES ESPACEURS ET LEURS PROCEDES D'UTILISATION**
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[71] AUDENTES THERAPEUTICS, INC., US
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[54] **BACTERIE GENETIQUEMENT MODIFIEE COMPRENANT UNE VOIE DE FERMENTATION A PRODUCTION D'ENERGIE**
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[72] JENSEN, RASMUS OVERGAARD, US
[72] BEHRENDORFF, JAMES BRUCE YARNTON HAYCOCK, US
[72] HILL, RYAN EDWARD, US
[72] MUELLER, ALEXANDER PAUL, US
[72] JUMINAGA, DARMAWI, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
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[54] **POLYTHERAPIE POUR LE TRAITEMENT DES PATHOLOGIES MALIGNES**
[72] AGRESTA, SAMUEL V., US
[71] AGIOS PHARMACEUTICALS, INC., US
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[54] **COMPOSITIONS LUBRIFIANTES ET LEURS PROCEDES D'UTILISATION**
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[72] BOWERS, JAMES L., US
[72] OLIVIER, ERIC J., US
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[54] **SYSTEME PERMETTANT DE POURVOIR A UN OUTIL DE PLANIFICATION URBAINE**
[72] KNOEPFLE, DANIEL, US
[72] HALL, JONATHAN, US
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[54] **PRODUIT EMPAQUETE ET SYSTEME ET PROCEDE POUR FORMER CELUI-CI**
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[72] PENCE, JUSTIN S., US
[72] MILLER, BYRD TYLER, US
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[72] SEALEY, JAMES E., US
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[54] **COMPOSITION DE CONCENTRE BIOCIDE POUR L'ADDITION DANS DES FORMULATIONS A BASE D'HUILE, ET COMPOSITIONS LA CONTENANT**
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[54] **APPAREILLAGE MICROFLUIDIQUE COMPORTANT UNE SURFACE D'ELECTROMOUILLAGE OPTIMISEE, ET SYSTEMES ET METHODES ASSOCIES**
[72] LOWE, RANDALL D., US
[72] PEI, SHAO NING, US
[72] GONG, JIAN, US
[72] MASTROIANNI, ALEXANDER J., US
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[54] **DISPOSITIF DE PREPARATION DE BOISSON COMPRENANT UNE SOUPAPE A DISQUE ET PROCEDE DE FONCTIONNEMENT**
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[54] **PULVERISATEUR D'AEROSOL ASEPTIQUE DE DOSE UNITAIRE**
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[54] **SYSTEME, APPAREIL ET PROCEDE PERMETTANT D'ESTOMPER ET D'ENLEVER UN TATOUAGE**
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[54] **PROCEDES ET SYSTEMES DE REGULATION D'ADN, D'ARN ET D'AUTRES MOLECULES BIOLOGIQUES TRAVERSANT DES NANOPORES**
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[54] **METHOD AND APPARATUS OF ASSESSMENT OF ACCESS FLOW IN HEMODIALYSIS PATIENTS BY VIDEO IMAGING PROCESSING**
[54] **PROCEDE ET APPAREIL D'EVALUATION DU DEBIT D'ACCES CHEZ DES PATIENTS EN HEMODIALYSE PAR TRAITEMENT D'IMAGERIE VIDEO**
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[54] **SYSTEMES POUR ENFERMER DES ARTICLES DANS UNE ENVELOPPE DE PROTECTION**
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[72] THOMPSON, KENT L., US
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[54] **DISPOSITIFS DE SURVEILLANCE DE L'ETAT DE SANTE PORTABLE ET PROCEDES DE SURVEILLANCE DE L'ETAT DE SANTE**
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[54] **ENSEMBLE D'ANCRAGE HYDRAULIQUE POUR POMPE INSERABLE A CAVITE EVOLUTIVE**
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[71] INFLATABLE PACKERS INTERNATIONAL PTY LTD, AU
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[54] **DISPOSITIF DE PRESSE FILTRE SERVANT A L'ELECTROPLACAGE DE METAL DE SOLUTIONS, QUI EST FAIT D'ELEMENTS DE SEPARATION CONFORMES PAR DES MEMBRANES ECHANGEUSES D'IONS FORMANT UNE PLURALITE DE CHAMBRES D'ANOLYTEET DE CAT HOLYTE, OU LES ELECTRODES SONT CONNECTEES EN SERIE OFFRANT LE DETACHEMENT AUTOMATIQUE DU PRODUIT DE METAL**
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[72] LIMSETH, FINN, NO
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[54] **LENTILLE A ADDITION PROGRESSIVE OPHTALMIQUE POUR UN PORTEUR MYOPE ET PRESBYTE, ET PROCEDE DE PRODUCTION D'UNE TELLE LENTILLE**
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[54] **BIOFERTILISANT AU MICRO-CARBONE SERVANT A AUGMENTER RAPIDEMENT LA STRUCTURE GRANULAIRE DU SOL ET METHODE DE PREPARATION ASSOCIEE**
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[54] **AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR AN EMMETROPIC AND PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS**
[54] **VERRE OPHTALMIQUE A FOYER PROGRESSIF DESTINE A UN PORTEUR EMMETROPE ET PRESBYTE, ET PROCEDE DE FABRICATION D'UN TEL VERRE**
[72] HESLOUIS, MELANIE, FR
[72] ROUSSEAU, BENJAMIN, FR
[72] FRICKER, SEBASTIEN, FR
[71] ESSILOR INTERNATIONAL, FR
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[54] **ELEMENTS DE CHAUFFAGE STRATIFIES AYANT UNE RESISTANCE PERSONNALISEE OU NON UNIFORME ET/OU DES FORMES IRREGULIERES ET PROCEDES DE FABRICATION**
[72] SAJIC, PETER, GB
[71] LAMINAHEAT HOLDING LTD., IE
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[54] **MECANISME DE TRANSMISSION A ENGRENEMENT INTERNE**
[72] FAN, ZHENGFU, CN
[72] CHEN, YUHAO, CN
[71] NINGBO HS-POWER DRIVE TECHNOLOGY CO. LTD, CN
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[54] **AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A MYOPIC OR EMMETROPIC PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS**
[54] **VERRE OPHTALMIQUE A FOYER PROGRESSIF POUR PORTEUR MYOPE OU EMMETROPE PRESBYTE, ET PROCEDE DE FABRICATION D'UN TEL VERRE**
[72] ROUSSEAU, BENJAMIN, FR
[72] HESLOUIS, MELANIE, FR
[72] FRICKER, SEBASTIEN, FR
[72] LAKHCHAF, NACER, FR
[72] ESCALIER, GUILHEM, FR
[72] BONNIN, THIERRY, FR
[72] POULAIN, ISABELLE, FR
[72] JOLIVET, VALERIE, FR
[72] WIERZBICKI, JULIETTE, FR
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[54] **AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS**
[54] **VERRE OPHTALMIQUE A FOYER PROGRESSIF POUR PORTEUR PRESBYTE, ET PROCEDE POUR LA DE FABRICATION D'UN TEL VERRE**
[72] ROUSSEAU, BENJAMIN, FR
[72] HESLOUIS, MELANIE, FR
[72] FRICKER, SEBASTIEN, FR
[72] LAKHCHAF, NACER, FR
[72] ESCALIER, GUILHEM, FR
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[54] **ENSEMBLES AIGUILLE ECHOGENE ET LEUR PROCEDE D'UTILISATION**
[72] CRISMAN, ANDREW, US
[72] FIELD, STEPHEN JAMES, GB
[72] GRANATA, ALYSA LAUREN, US
[72] TOOKMAN, NEIL ADAM, GB
[71] SMITHS MEDICAL INTERNATIONAL LIMITED, GB
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[54] **METHOD FOR DETERMINING AN OPTICAL SYSTEM OF A PROGRESSIVE LENS**
[54] **PROCEDE DE DETERMINATION D'UN SYSTEME OPTIQUE D'UN VERRE PROGRESSIF**
[72] ROUSSEAU, BENJAMIN, FR
[72] ESCALIER, GUILHEM, FR
[72] POULAIN, ISABELLE, FR
[72] WIERZBICKI, JULIETTE, FR
[72] CALIXTE, LAURENT, FR
[72] LAKHCHAF, NACER, FR
[72] MARIE, SARAH, FR
[72] BONNIN, THIERRY, FR
[72] JOLIVET, VALERIE, FR
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[54] **DOPAMINE D3 RECEPTOR ANTAGONISTS HAVING A MORPHOLINE MOIETY**
[54] **ANTAGONISTES DU RECEPTEUR D3 DE LA DOPAMINE AYANT UN FRAGMENT MORPHOLINE**
[72] CREMONESI, SUSANNA, IT
[72] MICHELI, FABRIZIO, IT
[72] SEMERARO, TERESA, IT
[72] TARSI, LUCA, IT
[71] INDIVIOR UK LIMITED, GB
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[54] **PROCESS FOR TREATING GASEOUS EFFLUENTS DEVELOPED IN COFFEE ROASTING INSTALLATION**
[54] **PROCEDE POUR LE TRAITEMENT D'EFFLUENTS GAZEUX DEVELOPPES DANS UNE INSTALLATION POUR LA TORREFACTION DU CAFE**
[72] FURFORI, STEFANIA, IT
[72] ZATTARIN, LUCIANO, IT
[72] DEORSOLA, FABIO ALESSANDRO, IT
[72] BENSAID, SAMIR, IT
[72] RUSSO, NUNZIO, IT
[72] FINO, DEBORA, IT
[72] PIRONE, RAFFAELE, IT
[72] PIUMETTI, MARCO, IT
[71] LUIGI LAVAZZA S.P.A., IT
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[54] **PROCEDE DE CONVERSION CATALYTIQUE DE GAZ A L'EAU**
[72] COUSINS, MATTHEW JOHN, GB
[72] MARIGO, MICHELE, GB
[72] MCKIDD, NICOLA CAMPBELL, GB
[72] SENGELOW, WILLIAM MAURICE, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[54] **CONCENTRE DE NETTOYAGE LIQUIDE**
[72] HAGLEITNER, HANS GEORG, AT
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[54] **IMPROVEMENTS IN AND RELATING TO MISSILE TARGETING**
[54] **AMELIORATIONS D'IDENTIFICATION DE CIBLE DE MISSILE ET ASSOCIEES A CELLE-CI**
[72] NAFTEL, ANDREW JAMES, GB
[71] MBDA UK LIMITED, GB
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[54] **UTILISATIONS D'ANTAGONISTES DE LA MYOSTATINE, ASSOCIATIONS LES CONTENANT ET LEURS UTILISATIONS**
[72] KLICKSTEIN, LLOYD B., US
[72] ROUBENOFF, RONENN, CH
[72] FEIGE, JEROME, CH
[72] TRIFILIEFF, ESTELLE, CH
[72] HAKATEYAMA, SHINJI, CH
[71] NOVARTIS AG, CH
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[54] **SEL D'UN INHIBITEUR D'EGFR, FORME CRISTALLINE CORRESPONDANTE ET UTILISATIONS CORRESPONDANTES**
[72] LIU, BING, CN
[72] ZHANG, WEIHONG, CN
[72] ZHANG, YINGJUN, CN
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
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[54] **WATER-SOLUBLE UV-ABSORBING COMPOUNDS AND USES THEREOF**
[54] **COMPOSES HYDROSOLUBLES ABSORBANT LES UV ET LEURS UTILISATIONS**
[72] CHANG, FRANK, US
[72] DESOUSA, RYAN, US
[72] HOLLAND, TROY VERNON, US
[72] LAREDO, WALTER R., US
[71] NOVARTIS AG, CH
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[54] **DETERMINATION PRECISE DE PARAMETRES EN TEMPS REEL DECRIVANT LE MOUVEMENT D'UN VEHICULE SUR LA BASE DE MULTIPLES SOURCES DE DONNEES**
[72] RAJANI, PURSHOTAM, US
[72] NUKALA, GAURAV R., US
[72] KANNAN, GOKULNATH COIMBATORE, US
[72] ESSY, BLAIR R., US
[71] FLYWHEEL SOFTWARE, INC., US
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[54] **DERIVE MORPHINANE ET USAGE MEDICAL ASSOCIE**
[72] NAGASE, HIROSHI, JP
[72] YAMAMOTO, NAOSHI, JP
[72] IRUKAYAMA, YOKO, JP
[72] SAITOH, TSUYOSHI, JP
[72] YANAGISAWA, MASASHI, JP
[72] NAGUMO, YASUYUKI, JP
[71] UNIVERSITY OF TSUKUBA, JP
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[54] **SHAVING HEAD**
[54] **TETE DE RASAGE**
[72] MOUSTAKAS, PANAGIOTIS, GR
[72] BRELLIS, CHRISTOFOROS-ATHANASSIOS, GR
[71] BIC VIOLEX S.A., GR
[85] 2018-04-11
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[54] **TETE DE RASAGE**
[72] BRELLIS, CHRISTOFOROS-ATHANASSIOS, GR
[71] BIC VIOLEX S.A., GR
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[54] **STATINES A HAUTE DOSE POUR LA DEGENERESCENCE MACULAIRE LIEE A L'AGE**
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[72] MILLER, JOAN W., US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
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[54] **COMPOSITION DE TRAITEMENT DE DIABETE SUCRE**
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[54] **PREMIERE DE PROPRETE POUR CHAUSSURE A TALON HAUT**
[72] HEDSTROEM, PETER, SE
[71] STINAA & J FASHION AB, CH
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[54] **TETE DE RASAGE**
[72] BOZIKIS, IOANNIS, GR
[72] DRAKOPOULOS, STAVROS, GR
[71] BIC VIOLEX S.A., GR
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[54] **DISPOSITIF DE GESTION THERMIQUE D'UN GROUPE MOTOPROPULSEUR ELECTRIQUE**
[72] YU, ROBERT, FR
[71] NISSAN MOTOR CO. LTD, JP
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[54] **OXADIAZOLE AMINE DERIVATIVE COMPOUNDS AS HISTONE DEACETYLASE 6 INHIBITOR, AND THE PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **COMPOSES DERIVES D'OXADIAZOLE AMINE UTILISES EN TANT QU'INHIBITEUR DE L'HISTONE DESACETYLASE 6, ET COMPOSITION PHARMACEUTIQUE LES COMPRENANT**
[72] KIM, YUNTAE, KR
[72] LEE, CHANG SIK, KR
[72] OH, JUNG TAEK, KR
[72] SONG, HYESEUNG, KR
[72] CHOI, JIN, KR
[72] LEE, JAEYOUNG, KR
[71] CHONG KUN DANG PHARMACEUTICAL CORP., KR
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[54] **PROCEDES DE SYNTHESE TOTALE DE RESOLVINE E1**
[72] JAGTAP, PRAKASH, US
[71] SALZMAN LOVELACE INVESTMENTS, LTD., IL
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[25] FR
[54] **SYSTEM ADAPTED FOR PROVIDING AN OPERATOR WITH AUGMENTED VISIBILITY AND ASSOCIATED METHOD**
[54] **SYSTEME ADAPTE A FOURNIR A UN OPERATEUR UNE VISIBILITE AUGMENTEE ET PROCEDE ASSOCIE**
[72] PAYOT, ETIENNE, FR
[72] ARTAUD, JEROME, FR
[71] THALES, FR
[85] 2018-04-10
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[25] FR
[54] **SEALING DEVICE FOR CONTROLLING THE PRESSURE OR FLOW RATE IN A TUBE, AND METHOD FOR MANUFACTURING A TUBE**
[54] **DISPOSITIF D'OBTURATION POUR REGLER LA PRESSION OU LE DEBIT D'ECOULEMENT DANS UN TUBE, ET PROCEDE DE FABRICATION D'UN TUBE**
[72] DECAUDIN, BENOIT, FR
[71] DYKA SAS, FR
[85] 2018-04-11
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[54] **RACCORD FILETE POUR DES TUYAUX EN ACIER**
[72] SUGINO, MASAAKI, JP
[72] DOUCHI, SADAO, JP
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[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **COLLECTEUR DE COURANT RESISTANT AU FLAMBAGE**
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[71] SPECTRUM BRANDS, INC., US
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[54] **COMMANDE DE DEBIT DE CODEUR DE VIDEO EN TEMPS REEL A L'AIDE D'UNE COMMUTATION DE RESOLUTION DYNAMIQUE**
[72] KUUSELA, AKI, US
[71] GOOGLE LLC, US
[85] 2018-04-10
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[54] **NOUVEAU SOLVANT D'EXTRACTION ET/OU DE SOLUBILISATION ORGANIQUE, PROCEDE D'EXTRACTION METTANT EN OEUVRE LEDIT SOLVANT, ET EXTRAITS ISSUS DUDIT PROCEDE**
[72] ROMBAUT, NATACHA, FR
[72] FABIANO TIXIER, ANNE-SYLVIE, FR
[72] BIRTIC, SIMONA, FR
[72] BILY, ANTOINE CHARLES, FR
[72] ROLLER, MARC, FR
[72] CHEMAT, FARID, FR
[71] NATUREX (SOCIETE ANONYME), FR
[71] UNIVERSITE D'AVIGNON ET DES PAYS DE VAUCLUSE (ETABLISSEMENT PUBLIC), FR
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[54] **PROCEDE D'AUGMENTATION DE PERFORMANCE DE DRAINAGE D'UNE SUSPENSION EPAISSE DE PATE A PAPIER AU COURS DE LA FABRICATION DE PRODUITS DE PAPIER, ET PRODUITS OBTENUS A PARTIR DE CELUI-CI**
[72] HARRINGTON, JOHN C., US
[72] LUSVARDI, KATE MARRITT, US
[72] ZHANG, FUSHAN, US
[71] SOLENIS TECHNOLOGIES, L.P., CH
[71] UPM-KYMMENE CORPORATION, FI
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[54] **N-ACETYL-L-METHIONINE D'ORIGINE BIOLOGIQUE ET SON UTILISATION**
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[72] MOON, JUN OK, KR
[72] PARK, JIN SEUNG, KR
[72] CHOI, SU JIN, KR
[72] HONG, KUK KI, KR
[72] KIM, JEONG HYUN, KR
[72] PARK, HYE MIN, KR
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[54] **ANTICORPS ANTI-CD43 ET LEUR UTILISATION POUR LE TRAITEMENT DU CANCER**
[72] HONG, KWON PYO, KR
[72] YOON, SANGSOON, KR
[72] KOUKOULAS, IRENE, AU
[72] BATORI, VINCENT, DE
[72] CRISTIANO, BRIONY, US
[72] WILSON, DAVID S, JR, US
[72] KOPSIDAS, GEORGE, AU
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[54] **SYSTEME A ECOUTEUR**
[72] KEELING, ADAM, CA
[71] KEELING TECHNOLOGIES INC., CA
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[54] **CHASSIS POUR LE DEPLACEMENT SUR DIFFERENTES SURFACES D'APPUI AVEC DES PROPULSEURS A ROUES OU PATINS**
[72] GERTNER, DMITRY ALEXANDROVICH, RU
[71] TETRABOT LLC, RU
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[54] **SYSTEMS AND METHODS FOR MAKING AND USING GEL MICROSPHERES**
[54] **SYSTEMES ET PROCEDES DE FABRICATION ET D'UTILISATION DE MICROSPHERES DE GEL**
[72] WEITZ, DAVID A., US
[72] ABBASPOURRAD, ALIREZA, US
[72] FAN, JING, US
[72] ZHANG, WEIXIA, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **INHIBITEURS D'HYDRATES A HAUTE TEMPERATURE ET PROCEDES D'UTILISATION**
[72] LAN, QIANG, US
[72] MONTEIRO, DEEPAK, US
[72] CEGLIO, MARK PAUL, II, US
[72] ACOSTA, ERICK J., US
[72] KRISHNAMURTHY, PUSHKALA, US
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[54] **PROCEDES ET COMPOSITIONS POUR LA TRANSFORMATION RAPIDE DE PLANTES**
[72] ANAND, AJITH, US
[72] ARLING, MAREN L., US
[72] DA SILVA CONCEICAO, ALEXANDRE, US
[72] GORDON-KAMM, WILLIAM JAMES, US
[72] HASTINGS, CRAIG, US
[72] HOERSTER, GEORGE J., US
[72] KLEIN, THEODORE M., US
[72] LA ROTA, CARLOS M., US
[72] LOWE, KEITH S., US
[72] TIWARI, SHIV BAHADUR, US
[72] WANG, NING, US
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[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **EYE POSE IDENTIFICATION USING EYE FEATURES**
[54] **IDENTIFICATION DE LA POSITION DE L'□IL A L'AIDE DE CARACTERISTIQUES DE L'□IL**
[72] KAEHLER, ADRIAN, US
[72] KLUG, MICHAEL ANTHONY, US
[72] AMAYEH, GHOLAMREZA, US
[71] MAGIC LEAP, INC., US
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[54] **PROCEDES ET COMPOSITIONS POUR GENERER DES ARN GUIDE CRISPR/CAS**
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[72] HEALD, REBECCA, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **DISPOSITIFS D'INTERRUPTION DE CIRCUIT A SEMI-CONDUCTEUR UTILISANT UN FILTRAGE DE COURANT POUR AMELIORER LA COORDINATION DES DISPOSITIFS**
[72] NOJIMA, GERALDO, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **METHOD AND APPARATUS FOR MAKING A POLYMERIC AIRCRAFT WINDOW PANEL**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN VITRAGE D'AERONEF POLYMERE**
[72] GOODWIN, GEORGE B., US
[72] MCCARTHY, DENNIS P., US
[72] SHEARER, JOHN D. M., US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **APPAREIL POUR LA FABRICATION DE BOISSONS PAR PASSAGE D'EAU CHAUDE DANS UNE CAPSULE CONTENANT UNE SUBSTANCE ALIMENTAIRE**
[72] CHANINE, VALERIY, IT
[72] ALVAREZ VIRTOLI, ITALO ANDREA, IT
[71] CAFFITALY SYSTEM S.P.A., IT
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[54] **SYSTEMES ET PROCEDES DE DESSERTE DE CONTENUS APPARIES A DES PIXELS A DES SYSTEMES DE COMMUNICATION DE COMMERCIALISATION**
[72] DAVIDSON, GORDON, US
[72] HOWARD, KEVIN BRENT, US
[71] DAVIDSON, GORDON, US
[71] CLOVERLEAF MEDIA LLC, US
[71] HOWARD, KEVIN BRENT, US
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[54] **SYSTEMES AUTOMATIQUES DE DISTRIBUTION D'EAU ET D'AROMATISANT POUR MEDICAMENTS**
[72] SEAY, MICHAEL, US
[72] AMOS, STUART R., US
[72] BARNES, KEVIN, US
[72] BARNES, JOSHUA, US
[72] KUBIT, KEVIN, US
[72] HUMBERT, BRAD, US
[72] DELECKI, ADAM, US
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[54] **PROCESS FOR THE PREPARATION OF (S)-2-((4R,4AS, 6R,7AR,12BS)-7,9-DIMETHOXY-1,2,3,4,5,6,7,7A-OCTAHYDRO-4A,7-ETHANO-4, 12-METHANOBENZOFURO[3,2-E] ISOQUINOLIN-6-YL)-3,3-DIMETHYLBUTAN-2-OL**
[54] **PROCEDE DE PREPARATION DE (S)-2-((4R,4AS, 6R,7AR,12BS)-7,9-DIMETHOXY-1,2,3,4,5,6,7,7A-OCTAHYDRO-4A,7-ETHANO-4, 12-METHANOBENZOFURO[3,2-E] ISOQUINOLEIN-6-YL)-3,3-DIMETHYLBUTAN-2-OL**
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[71] NORAMCO, INC., US
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[54] **AFFICHAGE DYNAMIQUE POUR DES ENVIRONNEMENTS DE VENTE AU DETAIL A DEL**
[72] DAVIDSON, GORDON, US
[72] HOWARD, KEVIN BRENT, US
[71] DAVIDSON, GORDON, US
[71] CLOVERLEAF MEDIA LLC, US
[71] HOWARD, KEVIN BRENT, US
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[54] **PRODUIT EN BOIS STRATIFIE**
[72] FRERES, TYLER, US
[71] FRERES LUMBER CO., INC., US
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[30] US (62/244,650) 2015-10-21
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[54] **SYSTEMES ET PROCEDES PERMETTANT UN TRAITEMENT DE DOCUMENTS TRANSACTIONNELS**
[72] GREEN, BRIAN, CA
[72] WILLIAMS, CHARLES R., US
[71] FIRST DATA CORPORATION, US
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[25] EN
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[54] **SYSTEMES ET PROCEDES DE GESTION D'INFORMATIONS FORESTIERES RATIONALISES PAR HIERARCHISATION DE DONNEES BIOMETRIQUES AUTOMATIQUES**
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[72] ULLYOTT, LOGAN, US
[72] CANARY, GRANT, US
[71] DRONE SEED CO., US
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[54] **SYSTEME DE DEPLOIEMENT DE PARACHUTE DESTINE A UN VEHICULE AERIEN SANS PILOTE**
[72] FATHALLAH, MICHEL, US
[72] BADDAM, KRANTHI, US
[72] BASS, TOM, US
[72] SWEENEY, MATTHEW, US
[72] FOGGIA, JOHN R., US
[71] FLIRTEY HOLDINGS, INC., US
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[54] **MINI-GENERATEUR DE VAPEUR POUR LA CUISSON D'ALIMENTS, APPAREIL DE CUISSON MODULAIRE ET POSTE DE PREPARATION D'ALIMENTS MODULAIRE**
[72] BUCHLER, JAMES R., US
[72] CLARK, JOSEPH R., US
[71] A. J. ANTUNES & CO., US
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[30] US (62/237,114) 2015-10-05
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[54] **SYSTEMES A ENERGIE HYDROELECTRIQUE, ET COMPOSANTS ET PROCEDES ASSOCIES**
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[71] OCEANA ENERGY COMPANY, US
[85] 2018-04-11
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[54] **ADAPTATEUR DE CATHETER SOUPLE AVEC AIGUILLE AUTO-ENTAILLANTE**
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[72] MAUL, CHRISTOPHER, US
[72] DAVIS, ERIC, US
[72] WANG, BIN, US
[72] ELLIS, CARL, US
[72] CHRISTENSEN, COREY, US
[72] BURKHOLZ, JONATHAN KARL, US
[72] PETERSON, BART D., US
[71] BECTON, DICKINSON AND COMPANY, US
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[30] US (62/247,596) 2015-10-28
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[25] EN
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[54] **COMPOSITION LIPOSOMALE CO-ENCAPSULANT LA DOXORUBICINE ET UN PROMEDICAMENT DE LA MITOMYCINE C**
[72] GABIZON, ALBERTO, IL
[72] OHANA, PATRICIA, IL
[72] SHMEEDA, HILARY, IL
[71] LIPOMEDIX PHARMACEUTICALS LTD., IL
[71] GABIZON, ALBERTO, IL
[71] OHANA, PATRICIA, IL
[71] SHAARE ZEDEK SCIENTIFIC LTD., IL
[71] SHMEEDA, HILARY, IL
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[54] **OUTDOOR MUSICAL DRUM STRUCTURES**
[54] **STRUCTURES DE TAMBOURS POUR L'EXTERIEUR**
[72] KELLER, THOMAS L., US
[72] JONES, GARRY, IE
[71] LANDSCAPE STRUCTURES INC., US
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[54] **INTEGRATED CATHETER WITH INDEPENDENT FLUID PATHS**
[54] **CATHETER INTEGRE AVEC TRAJETS DE FLUIDE INDEPENDANTS**
[72] BURKHOLZ, JONATHAN KARL, US
[72] WANG, BIN, US
[72] PETERSON, BART D., US
[72] SONDEREGGER, RALPH L., US
[71] BECTON, DICKINSON AND COMPANY, US
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[30] US (62/247,607) 2015-10-28
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[54] **RECOMBINANT LISTERIA VACCINE STRAINS AND METHODS OF USING THE SAME IN CANCER IMMUNOTHERAPY**
[54] **SOUCHES RECOMBINEES VACCINALES DE LISTERIA ET LEURS METHODES D'UTILISATION EN IMMUNOTHERAPIE ANTICANCEREUSE**
[72] PETIT, ROBERT, US
[72] PERRY, KYLE, US
[71] ADVAXIS, INC., US
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[54] **MODULATORS OF SESTRIN-GATOR2 INTERACTION AND USES THEREOF**
[54] **MODULATEURS D'INTERACTION SESTRINE-GATOR2 ET LEURS UTILISATIONS**
[72] FETALVERO, KRISTINA MICHELLE, US
[72] NARAYAN, SRIDHAR, US
[72] O'NEILL, DAVID JOHN, US
[72] SAIAH, EDDINE, US
[72] SENGUPTA, SHOMIT, US
[71] NAVITOR PHARMACEUTICALS, INC., US
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[54] **LIGHTWEIGHT, PRINTABLE FLAME RESISTANT FABRICS SUITABLE FOR PROTECTIVE CLOTHING WORN IN HOT AND/OR HUMID ENVIRONMENTS**
[54] **TISSUS ININFLAMMABLES, IMPRIMABLES, LEGERS APPROPRIES POUR UN VETEMENT DE PROTECTION PORTE DANS DES ENVIRONNEMENTS CHAUDS ET/OU HUMIDES**
[72] STANHOPE, MICHAEL T., US
[72] THORNE, TIMOTHY JAMES, US
[72] DUNN, CHARLES S., US
[71] SOUTHERN MILLS, INC., US
[85] 2018-04-11
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[54] **FLUID FILTRATION DEVICE AND SYSTEM**
[54] **DISPOSITIF ET SYSTEME DE FILTRATION DE FLUIDE**
[72] BONANO, SAMANTHA, US
[72] PEPE, GREGORY, US
[72] SHVETSOV, KYRYLO, US
[71] BUFFALO FILTER LLC, US
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[54] **CONVEYOR-TYPE GRILLING APPLIANCE FOR COOKING OR RE-THERMALIZING FOOD**
[54] **APPAREIL A GRILLER DE TYPE TRANSPORTEUR POUR CUIRE OU RECHAUFFER UN ALIMENT**
[72] BUCHLER, JAMES R., US
[72] VEGA, FRANCISCO, US
[72] VEGA, IGNACIO, US
[72] PANASIK, CHERYL L., US
[72] CUCCHI, ROBERT LEWIS, US
[72] PATEL, BHUPENDRA R., US
[72] PATEL, DIPAN, US
[72] PATEL, JIGNESH, US
[71] A. J. ANTUNES & CO., US
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[54] **MUSICAL INSTRUMENT STRUCTURES FOR PERMANENT INSTALLATION IN AN OUTDOOR ENVIRONMENT**
[54] **STRUCTURES D'INSTRUMENT DE MUSIQUE POUR UNE INSTALLATION PERMANENTE DANS UN ENVIRONNEMENT EXTERIEUR**
[72] KELLER, THOMAS, US
[71] LANDSCAPE STRUCTURES INC., US
[85] 2018-04-11
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[54] **CASQUE AYANT UN COLLIER DE MENTONNIERE**
[72] PIETRZAK, CHRISTOPHER T., US
[72] ALLEN, SCOTT R., US
[72] PENNY, JAMES R., US
[72] SZELLA, ALEXANDER J., US
[72] VALENCIA, JULIO, US
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[54] **INTRAVENOUS BACLOFEN AND METHODS OF TREATMENT**
[54] **INTRAVEINEUSE DE BACLOFENE ET METHODES DE TRAITEMENT**
[72] GOMEZ, ADOLFO, US
[72] SCHROGIE, JOHN, US
[72] ALHADEFF, DAN SIMON, US
[72] DIAZ, GILBERTO, US
[71] ALLAYSIS, LLC, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **PROGNOSIS AND TREATMENT OF SQUAMOUS CELL CARCINOMAS**
[54] **PRONOSTIC ET TRAITEMENT DE CARCINOMES DE CELLULES SQUAMEUSES**
[72] PYEON, DOHUN, US
[72] LEE, JOHN, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[71] SANFORD HEALTH, US
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[54] **METHODES ET COMPOSITIONS LIEES A CRISPR/CAS POUR LE TRAITEMENT DU VIRUS DE L'HERPES SIMPLEX**
[72] FRIEDLAND, ARI E., US
[72] ODONNELL, PENROSE, US
[72] BUMCROT, DAVID A., US
[71] EDITAS MEDICINE, INC., US
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[54] **CONJUGUES CIBLES SSTR, ET SES PARTICULES ET FORMULATIONS**
[72] WOOSTER, RICHARD, US
[72] WHALEN, KERRY, US
[72] BAZINET, PATRICK ROSAIRE, US
[72] BILODEAU, MARK T., US
[72] KADIYALA, SUDHAKAR, US
[72] PERINO, SAMANTHA, US
[72] SWERYDA-KRAWIEC, BEATA, US
[72] SHINDE, RAJESH R., US
[71] TARVEDA THERAPEUTICS, INC., US
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[54] **SUCTION FRAME**
[54] **CADRE A VENTOUSES**
[72] ALBER, GERHARD, DE
[71] WISCO LASERTECHNIK GMBH, DE
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[54] **MISES A JOUR DE MICROLOGICIEL SANS FIL**
[72] CONRAD, NATHAN, US
[71] MASTER LOCK COMPANY LLC, US
[85] 2018-04-11
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[25] EN
[54] **CONVEYOR-TYPE GRILLING APPLIANCE FOR COOKING OR RE-THERMALIZING FOOD WITH MULTIPLE INDEPENDENTLY CONTROLLED SETS OF CONVEYORS DEFINING MULTIPLE INDEPENDENTLY CONTROLLED CONVEYOR COOKING LANES**
[54] **GRIL DU TYPE A TRANSPORTEURS PERMETTANT DE CUIRE OU DE RECHAUFFER DES ALIMENTS COMPRENANT DE MULTIPLES ENSEMBLES DE TRANSPORTEURS COMMANDES INDEPENDAMMENT DEFINISSANT DE MULTIPLESVOIES DE CUISSON DE TRANSPORTEUR COMMANDEES INDEPENDAMMENT**
[72] BUCHLER, JAMES R., US
[72] CUCCHI, ROBERT LEWIS, US
[72] PANASIK, CHERYL L., US
[72] PATEL, BHUPENDRA R., US
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[54] **APPAREIL DE CHAUFFAGE D'EAU DE CONDENSATION A HAUTE EFFICACITE**
[72] BERNREUTER, WADE, US
[72] HILL, BRUCE, US
[72] POLHEMUS, MATT, US
[71] BRADFORD WHITE CORPORATION, US
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[54] **NANOCRYSTALLINE CELLULOSE AND POLYMER-GRAFTED NANOCRYSTALLINE CELLULOSE AS RHEOLOGY MODIFYING AGENTS FOR MAGNESIUM OXIDE AND LIME SLURRIES**
[54] **CELLULOSE NANOCRISTALLINE ET CELLULOSE NANOCRISTALLINE GREFFEE AVEC UN POLYMERE COMME AGENTS DE MODIFICATION DE LA RHEOLOGIE POUR SUSPENSIONS D'OXYDE DE MAGNESIUM ET DE CHAUX**
[72] MOGHADAM, SHAYAN, US
[72] KARNATI, RANGARANI, US
[72] BODE, HEINRICH, US
[71] ECOLAB USA INC., US
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[51] **Int.Cl. C08J 7/12 (2006.01) B01L 3/00 (2006.01) C08J 7/18 (2006.01)**
[25] EN
[54] **POLYMERIC SUBSTRATE WITH A SURFACE HAVING REDUCED BIOMOLECULE ADHESION, AND THERMOPLASTIC ARTICLES OF SUCH SUBSTRATE**
[54] **SUBSTRAT POLYMERE AYANT UNE SURFACE PRESENTANT UNE ADHESION DE BIOMOLECULE, ET ARTICLES THERMOPLASTIQUES CONSTITUES DE CE SUBSTRAT**
[72] TAHA, AHMAD, US
[72] FELTS, JOHN T., US
[71] SIO2 MEDICAL PRODUCTS, INC., US
[85] 2018-04-11
[86] 2016-06-15 (PCT/US2016/037674)
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[25] EN
[54] **AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A FARSIGHTED AND PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS**
[54] **VERRE OPHTALMIQUE A FOYER PROGRESSIF POUR PORTEUR HYPERMETROPE ET PRESBYTE, ET PROCEDE DE FABRICATION D'UN TEL VERRE**
[72] HESLOUIS, MELANIE, FR
[72] ROUSSEAU, BENJAMIN, FR
[72] FRICKER, SEBASTIEN, FR
[71] ESSILOR INTERNATIONAL, FR
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[54] **PHOSPHAZENE MODIFIED POLYCARBONATE MOLDED BATTERY COOLING DEVICE**
[54] **DISPOSITIF DE REFROIDISSEMENT DE BATTERIE MOULE DE POLYCARBONATE MODIFIE PAR PHOSPHAZENE**
[72] OSIO, IGNACIO, US
[72] DAVIS, TERRY G., US
[71] COVESTRO LLC, US
[85] 2018-04-11
[86] 2016-10-14 (PCT/US2016/057080)
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[54] **NON-ASPIRATING TRANSPORT GEL DISPENSER**
[54] **DISTRIBUTEUR DE GEL A TRANSPORT NON ASPIRANT**
[72] KAISER, NANCY-HOPE E., US
[72] ROCHETTE, DANIEL, CA
[72] BAAN, BRADLEY A., US
[71] AMERICAN STERILIZER COMPANY, US
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[54] **INJECTABLE NEUROSTEROID FORMULATIONS CONTAINING NANOPARTICLES**
[54] **FORMULATIONS INJECTABLES DE NEUROSTEROIDE CONTENANT DES NANOPARTICULES**
[72] ZHANG, MINGBAO, US
[72] GLOWAKY, RAYMOND C., US
[72] CZEKAI, DAVID, US
[71] MARINUS PHARMACEUTICALS, INC., US
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[25] EN
[54] **COMPOUNDS AND COMPOSITIONS INCLUDING PHOSPHOROTHIOATED OLIGODEOXYNUCLEOTIDE, AND METHODS OF USE THEREOF**
[54] **COMPOSES ET COMPOSITIONS COMPRENANT DES OLIGODESOXYNUCLEOTIDES PHOSPHOROTHIOES, ET PROCEDES D'UTILISATION ASSOCIES**
[72] KORTYLEWSKI, MARCIN TOMASZ, US
[72] SWIDERSKI, PIOTR MAREK, US
[72] MARCUCCI, GUIDO, US
[72] ZHANG, BIN, US
[72] KUO, YA-HUEI, US
[71] CITY OF HOPE, US
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[54] **ANTI-TAU ANTIBODY AND USES THEREOF**
[54] **ANTICORPS ANTI-TAU ET SES UTILISATIONS**
[72] ARBABI-GHAHROUDI, MEHDI, CA
[72] SUTHERLAND, GARNETTE R., CA
[72] LAMA, SANJU, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] SUTHERLAND, GARNETTE R., CA
[71] LAMA, SANJU, CA
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[25] EN
[54] **MODIFIED H7 HEMAGLUTTININ GLYCOPROTEIN OF THE INFLUENZA A/SHANGHAI/2/2013 H7 SEQUENCE**
[54] **GLYCOPROTEINE HEMAGLUTTININE H7 MODIFIEE DE LA SEQUENCE H7 DE LA GRIPPE A/SHANGHAI/2/2013**
[72] DE GROOT, ANNE S., US
[72] MARTIN, WILLIAM D., US
[71] EPIVAX, INC., US
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[72] MURPHY, BRIAN FERGUS, IE
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[72] DESLAURIERS, ALAIN, CA
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[72] BLOMMEL, JEANNIE MEE, US
[72] LUEBKE, CHARLES P., US
[72] SULLIVAN, DANA K., US
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[54] **PROCEDE ET APPAREIL DE FONCTIONNEMENT UTILISANT UNE IDENTIFICATION D'EMPREINTE DIGITALE, ET TERMINAL MOBILE**
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[54] **CINTRE A ACTIONNEMENT MANUEL POUR SUSPENSION D'ARTICLES DEPUIS UNE STRUCTURE SUPPORT TUBULAIRE**
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[72] WIMBERLY, GRAHAM, US
[72] DJURDJEVIC, BOBAN, RS
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[54] **SYSTEME DE TRANSMISSION D'ENERGIE ET DE DONNEES SANS FIL POUR DES DISPOSITIFS IMPLANTABLES ET PORTABLES**
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[54] **APPAREILLAGE D'INTERRUPTEUR A PRESSION CONSTANTE ET SYSTEME DE CHAUFFAGE D'EAU**
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[72] ZHANG, CHENGJUN, CN
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[54] **DISPOSITIF ET PROCEDE POUR LA FABRICATION DE PIECES MOULEES CONSTITUEES PAR UNE MOUSSE PARTICULAIRE**
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[71] ANAERGIA B.V., NL
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[54] **PASSERELLE D'ENERGIE, APPAREIL MENAGER, SYSTEME DE MICRO-RESEAU DE DISTRIBUTION ELECTRIQUE A COURANT CONTINU ET PROCEDE DE GESTION D'ENERGIE POUR CELUI-CI**
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[72] NAN, SHUGONG, CN
[72] REN, PENG, CN
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[71] BECTON DICKINSON ROWA GERMANY GMBH, DE
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[72] JALONEN, HARRY, FI
[72] FORSBACK, ARI-PEKKA, FI
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[54] **PROCEDE DE FABRICATION D'UNE PIECE PAR FABRICATION ADDITIVE ; PIECE CORRESPONDANTE**
[72] BRUNHUBER, CHRISTIAN, DE
[72] DENNELER, STEFAN, DE
[72] FISCHLE, MORITZ, DE
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[72] CRUZ, AMOS, US
[72] REZAC, DAVID, US
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[54] **SYSTEME ET PROCEDE POUR LA FABRICATION D'UNE MOUSSE IN SITU**
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[72] HAEHNLE, HANS-JOACHIM, DE
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[72] ALEVIZOS, CHRISTOS, CH
[72] RUBIO, DANIEL, US
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[54] **ADAPTATEUR POUR ENSEMBLE ROULANT ET ENSEMBLE ROULANT LE COMPRENANT**
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[72] DELFINO, ANTONIO, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
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[54] **SYSTEM AND METHOD FOR SETTING UP A GROUP CALL**
[54] **SYSTEME ET PROCEDE D'ETABLISSEMENT D'UN APPEL DE GROUPE**
[72] DAHLQVIST, JOHAN, SE
[72] PRETO, VASCO, SE
[72] KAMINSKI, ANDREW, SE
[72] KYRITSIS, THOMAS, SE
[72] LINDHE, PAR, SE
[72] SKOGLUND, THOMAS, SE
[72] KUMAR, SURESH, SE
[72] MORTAZAVI, AMIR, SE
[72] CONNOR, CHRISTOPHER, SE
[71] REBTEL NETWORKS AB, SE
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[25] EN
[54] **A MANUFACTURING FACILITY FOR THE PRODUCTION OF BIOPHARMACEUTICALS**
[54] **INSTALLATION DE FABRICATION POUR LA PRODUCTION DE BIOPHARMACEUTIQUES**
[72] MOHINDRA, ATUL, GB
[71] LONZA LIMITED, CH
[85] 2018-04-12
[86] 2016-10-26 (PCT/EP2016/075869)
[87] (WO2017/072201)
[30] US (62/246,478) 2015-10-26
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[51] **Int.Cl. G02C 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A THREE DIMENSIONAL PERFORMANCE OF AN OPHTHALMIC LENS; ASSOCIATED METHOD OF CALCULATING AN OPHTHALMIC LENS**
[54] **PROCEDE DE DETERMINATION D'UNE PERFORMANCE TRIDIMENSIONNELLE D'UN VERRE OPHTALMIQUE; PROCEDE ASSOCIE DE CALCUL D'UN VERRE OPHTALMIQUE**
[72] HESLOUIS, MELANIE, FR
[72] FRICKER, SEBASTIEN, FR
[72] GUILLOUX, CYRIL, FR
[72] ROUSSEAU, BENJAMIN, FR
[71] ESSILOR INTERNATIONAL, FR
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[87] (WO2017/064065)
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[30] EP (15306646.9) 2015-10-15
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[25] EN
[54] **METHODS AND SYSTEMS FOR ANALYZING TISSUE QUALITY USING MID-INFRARED SPECTROSCOPY**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE LA QUALITE DES TISSUS PAR SPECTROSCOPIE EN MOYEN INFRAROUGE**
[72] CHAFIN, DAVID, US
[72] OTTER, MICHAEL, US
[72] PETRICH, WOLFGANG, DE
[72] BAUER, DANIEL, US
[72] KROEGER-LUI, NIELS, DE
[71] VENTANA MEDICAL SYSTEMS, INC., US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[30] US (62/247,609) 2015-10-28

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[51] **Int.Cl. F22B 3/02 (2006.01) F01K 25/10 (2006.01) F22B 1/16 (2006.01) F22B 1/18 (2006.01) F22G 1/16 (2006.01)**
[25] EN
[54] **GENERATION OF PROCESS STEAM BY MEANS OF A HIGH-TEMPERATURE HEAT PUMP**
[54] **PRODUCTION DE VAPEUR INDUSTRIELLE AU MOYEN D'UNE POMPE A CHALEUR HAUTE TEMPERATURE**
[72] BERGINS, CHRISTIAN, DE
[72] STOEVER, BRIAN, DE
[72] HAERTEL, SVEN, DE
[72] BUDDENBERG, TORSTEN, DE
[72] WALDBURG, SIMON, DE
[71] MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH, DE
[85] 2018-04-12
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[30] DE (10 2015 117 492.8) 2015-10-14

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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **MULTIVALENT FV ANTIBODIES**
[54] **ANTICORPS FV POLYVALENTS**
[72] ELLWANGER, KRISTINA, DE
[72] FUCEK, IVICA, DE
[72] ROSS, THORSTEN, DE
[72] MUELLER, THOMAS, DE
[72] RAJKOVIC, ERICH, DE
[72] REUSCH, UWE, DE
[72] TREDER, MARTIN, DE
[72] WEICHEL, MICHAEL, DE
[71] AFFIMED GMBH, DE
[85] 2018-04-12
[86] 2016-10-13 (PCT/EP2016/074642)
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[51] **Int.Cl. C07D 417/04 (2006.01) A61K 31/497 (2006.01) A61P 25/04 (2006.01)**
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[54] **INHIBITOR OF THE P2X7 RECEPTOR**
[54] **INHIBITEUR DU RECEPTEUR P2X7**
[72] KILBURN, JOHN PAUL, DK
[72] HOPPER, ALLEN T., US
[72] JUHL, MARTIN, DK
[71] H. LUNDBECK A/S, DK
[85] 2018-04-12
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[30] DK (PA 2015 00678) 2015-11-02

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[51] **Int.Cl. C10G 29/24 (2006.01) C10G 21/06 (2006.01)**
[25] EN
[54] **A PROCESS FOR REMOVING SULPHUR COMPOUNDS FROM PROCESS STREAMS**
[54] **PROCEDE POUR ELIMINER DES COMPOSES SOUFRES PRESENTS DANS DES FLUX DE TRAITEMENT**
[72] TAARNING, ESBEN, DK
[72] OSMUNDSEN, CHRISTIAN MARUP, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2018-04-12
[86] 2016-10-14 (PCT/EP2016/074745)
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[30] DK (PA 2015 00633) 2015-10-14

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[51] **Int.Cl. C07D 487/04 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **[1,2,4]TRIAZOLO[1,5-A]PYRIMIDIN-7-YL COMPOUND**
[54] **COMPOSE [1,2,4]TRIAZOLO[1,5-A]PYRIDMIDINE-7-YL**
[72] BUIJNSTERS, PETRUS JACOBUS JOHANNES ANTONIUS, BE
[72] GIJSEN, HENRICUS JACOBUS MARIA, BE
[72] DRINKENBURG, WILHELMUS HELENA IGNATIUS MARIA, BE
[72] AHNAOU, ABDALLAH, BE
[71] JANSSEN PHARMACEUTICA NV, BE
[85] 2018-04-12
[86] 2016-11-02 (PCT/EP2016/076420)
[87] (WO2017/076900)
[30] EP (15192661.5) 2015-11-02
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[51] **Int.Cl. B27D 5/00 (2006.01) B27B 5/04 (2006.01) B27M 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR BEVELLING VENEERS**
[54] **PROCEDE PERMETTANT D'ENTURER DES FEUILLES DE CONTREPLAQUE**
[72] HANSES, JOSEF, DE
[71] HANSES SAGEWERKSTECHNIK GMBH & CO. KG, DE
[85] 2018-04-12
[86] 2016-10-17 (PCT/EP2016/074899)
[87] (WO2017/067889)
[30] DE (10 2015 117 931.8) 2015-10-21

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[13] A1
[51] **Int.Cl. B65H 19/28 (2006.01) B65H 75/08 (2006.01) B65H 75/28 (2006.01)**
[25] EN
[54] **SPOOL**
[54] **TAMBOUR**
[72] MULLER, MALTE, DE
[72] WOHLFAHRT, MATTHIAS, DE
[72] WETSCHENBACHER, EWALD, DE
[72] PREISING, RALF-HARALD, DE
[71] VOITH PATENT GMBH, DE
[85] 2018-04-12
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[87] (WO2017/085091)
[30] DE (10 2015 222 927.0) 2015-11-20

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[51] **Int.Cl. G01C 21/36 (2006.01) G06F 3/048 (2013.01)**
[25] EN
[54] **A METHOD FOR THE ALTERED PICTORIAL REPRESENTATION OF POSITIONS OF THE LOCATIONS OF SELECTED DESTINATION POINTS IN ELECTRONIC MAPS**
[54] **UNE METHODE DE REPRESENTATION PICTURALE MODIFIEE DES POSITIONS DES EMPLACEMENTS DE POINTS DE DESTINATION SELECTIONNES SUR LES CARTES ELECTRONIQUES**
[72] USADEL, JAN, DE
[71] USADEL GMBH, DE
[85] 2018-04-12
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[30] DE (10 2015 117 792.7) 2015-10-19

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[51] **Int.Cl. B01J 13/18 (2006.01) A01N 25/28 (2006.01) A61K 9/50 (2006.01) C09B 67/02 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARING AN AQUEOUS DISPERSION OF MICROPARTICLES**
[54] **PROCEDE DE PREPARATION D'UNE DISPERSION AQUEUSE DE MICROPARTICULES**
[72] WINKELMANN, MARION, DE
[72] MUELHEIMS, KERSTIN, DE
[72] TAUBER, RALPH, DE
[72] FUCHS, YANNICK, DE
[72] CETINKAYA, MURAT, NL
[72] SACHWEH, BERND, DE
[71] BASF SE, DE
[85] 2018-04-12
[86] 2016-10-20 (PCT/EP2016/075187)
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[51] **Int.Cl. B65B 9/067 (2012.01) B29C 65/00 (2006.01) B29C 65/08 (2006.01) B29C 65/74 (2006.01) B65B 29/00 (2006.01) B65B 51/22 (2006.01) B65B 51/30 (2006.01) B65B 1/06 (2006.01) B65B 59/00 (2006.01)**
[25] EN
[54] **SEALING DEVICE**
[54] **DISPOSITIF DE SCELLEMENT ETANCHE**
[72] PERSSON, TONY, SE
[71] SWEDISH MATCH NORTH EUROPE AB, SE
[85] 2018-04-12
[86] 2016-12-02 (PCT/EP2016/079590)
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[30] EP (15197524.0) 2015-12-02

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[51] **Int.Cl. A61K 36/815 (2006.01) A61K 36/28 (2006.01) A61K 36/287 (2006.01) A61K 36/45 (2006.01) A61K 36/63 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING A MIXTURE OF MOLECULES EXTRACTED FROM CHRYSANTHELLUM INDICUM, CYNARA SCOLYMUS AND LYCIUM BARBARUM AND USE TO ACT ON CARBOHYDRATE AND/OR FAT METABOLISM**
[54] **COMPOSITION COMPRENANT UN MELANGE DE MOLECULES EXTRAITES DE CHRYSANTHELLUM INDICUM, DE CYNARA SCOLYMUS ET DE LYCIUM BARBARUM ET SON UTILISATION DANS L'ACTION SUR LE METABOLISME DES GLUCIDES ET/OU DES GRAISSES**
[72] PELTIER, SEBASTIEN, FR
[72] CHAVANELLE, VIVIEN, FR
[72] SIRVENT, PASCAL, FR
[71] VALBIOTIS, FR
[71] UNIVERSITE CLERMONT AUVERGNE, FR
[85] 2018-04-12
[86] 2016-10-20 (PCT/EP2016/075257)
[87] (WO2017/068057)
[30] FR (1559965) 2015-10-20

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[51] **Int.Cl. A24B 15/16 (2006.01) A24F 47/00 (2006.01)**
[25] EN
[54] **STRENGTH ENHANCERS AND METHOD OF ACHIEVING STRENGTH ENHANCEMENT IN AN ELECTRONIC VAPOR DEVICE**
[54] **ELEMENTS D'AMELIORATION DE RESISTANCE, ET PROCEDE PERMETTANT D'OBTENIR UNE AMELIORATION DE RESISTANCE DANS UN DISPOSITIF A VAPOTER ELECTRONIQUE**
[72] ANDERSON, ADAM, US
[72] KANE, DAVID, US
[72] LI, WEILING, US
[72] LIPOWICZ, PETER, US
[72] OLIVERI, DOUGLAS, US
[72] RUSYNIAK, MARK, US
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-12
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[51] **Int.Cl. B29C 70/38 (2006.01)**
[25] EN
[54] **A METHOD OF DESIGNING A PLYBOOK FOR A COMPOSITE COMPONENT**
[54] **PROCEDE DE CONCEPTION D'UN MATERIAU MULTIPLIS POUR UN CONSTITUANT COMPOSITE**
[72] BARNES, ASHLEY, GB
[72] JAMES, DARREN IVOR, GB
[71] ROLLS-ROYCE PLC, GB
[85] 2018-04-12
[86] 2016-10-13 (PCT/GB2016/053170)
[87] (WO2017/064489)
[30] GB (1518285.0) 2015-10-15

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[51] **Int.Cl. G06F 9/50 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **METHOD FOR ARRANGING WORKLOADS IN A SOFTWARE DEFINED AUTOMATION SYSTEM**
[54] **PROCEDE POUR AGENCER DES CHARGES DE TRAVAIL DANS UN SYSTEME D'AUTOMATISATION DEFINIE PAR LOGICIEL**
[72] CHAUVET, ANTONIO, FR
[72] WILHELM, PHILIPPE, US
[72] HARRIMAN, MERRILL, US
[72] KLING, ANDREW LEE DAVID, US
[71] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
[85] 2018-04-12
[86] 2016-10-12 (PCT/IB2016/001522)
[87] (WO2017/064554)
[30] US (62/240,742) 2015-10-13
[30] US (62/241,028) 2015-10-13
[30] US (62/348,770) 2016-06-10
[30] US (62/354,683) 2016-06-24
[30] US (62/354,799) 2016-06-26
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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM AND AN AEROSOL-GENERATING SYSTEM COMPRISING A CARTRIDGE**
[54] **CARTOUCHE POUR SYSTEME DE GENERATION D'AEROSOL, ET SYSTEME DE GENERATION D'AEROSOL COMPRENANT UNE CARTOUCHE**
[72] SILVESTRINI, PATRICK CHARLES, CH
[72] WALLER, JUDITH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-12
[86] 2016-12-21 (PCT/EP2016/082223)
[87] (WO2017/108983)
[30] EP (15202201.8) 2015-12-22

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **A CARTRIDGE FOR AN AEROSOL-GENERATING SYSTEM AND AN AEROSOL-GENERATING SYSTEM COMPRISING A CARTRIDGE**
[54] **CARTOUCHE POUR SYSTEME DE GENERATION D'AEROSOL, ET SYSTEME DE GENERATION D'AEROSOL COMPRENANT UNE CARTOUCHE**
[72] SILVESTRINI, PATRICK CHARLES, CH
[72] WALLER, JUDITH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2018-04-12
[86] 2016-12-21 (PCT/EP2016/082232)
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[30] EP (15202211.7) 2015-12-22

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[51] **Int.Cl. B29C 70/38 (2006.01) G05B 19/416 (2006.01)**
[25] EN
[54] **A METHOD OF GENERATING A MOVEMENT PROFILE FOR A LAYUP PROCEDURE**
[54] **PROCEDE DE CREATION D'UN PROFIL DE MOUVEMENT POUR UNE PROCEDURE DE DISPOSITION EN COUCHES**
[72] BARNES, ASHLEY, GB
[71] ROLLS-ROYCE PLC, GB
[85] 2018-04-12
[86] 2016-10-13 (PCT/GB2016/053172)
[87] (WO2017/064491)
[30] GB (1518284.3) 2015-10-15

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[13] A1
[51] **Int.Cl. F17C 13/02 (2006.01) G01L 7/16 (2006.01)**
[25] EN
[54] **CYLINDER OF PRESSURISED FLUID**
[54] **BOUTEILLE DE FLUIDE SOUS PRESSION**
[72] FRENAL, ANTOINE, FR
[72] LIGONESCHE, RENAUD, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2018-04-12
[86] 2016-09-22 (PCT/FR2016/052399)
[87] (WO2017/064380)
[30] FR (1559792) 2015-10-15

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[51] **Int.Cl. C07D 405/14 (2006.01) A61K 31/496 (2006.01) A61P 25/28 (2006.01) A61P 27/02 (2006.01) C07D 261/18 (2006.01) C07D 263/48 (2006.01) C07D 307/52 (2006.01) C07D 307/68 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOUNDS**
[54] **COMPOSES**
[72] BATES, DAVID, GB
[72] MORRIS, JONATHAN, AU
[72] TOOP, HAMISH, AU
[72] BATSON, JENNIFER, GB
[72] MORLEY, ANDREW DAVID, GB
[71] EXONATE LIMITED, GB
[85] 2018-04-12
[86] 2016-10-14 (PCT/GB2016/053199)
[87] (WO2017/064512)
[30] GB (1518365.0) 2015-10-16

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[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **CENTRALIZED MANAGEMENT OF A SOFTWARE DEFINED AUTOMATION SYSTEM**
[54] **GESTION CENTRALISEE D'UN SYSTEME D'AUTOMATISATION DEFINI PAR LOGICIEL**
[72] CHAUVET, ANTONIO, FR
[72] WILHELM, PHILIPPE, US
[72] HARRIMAN, MERRILL, US
[72] ALFANO, ERIC, US
[72] MEHMEDAGIC, ALEN, US
[72] KLING, ANDREW LEE DAVID, UA
[72] DOGGETT, DAVID, US
[72] VALLALA, VIJAY, US
[71] SCHNEIDER ELECTRIC INDUSTRIES SAS, FR
[85] 2018-04-12
[86] 2016-10-12 (PCT/IB2016/001574)
[87] (WO2017/064560)
[30] US (62/241,028) 2015-10-13
[30] US (62/240,742) 2015-10-13
[30] US (62/348,770) 2016-06-10
[30] US (62/354,683) 2016-06-24
[30] US (62/354,799) 2016-06-26
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[13] A1
[51] **Int.Cl. F17C 13/00 (2006.01) F17C 13/02 (2006.01)**
[25] EN
[54] **CAP FOR PROTECTING A VALVE OF A CYLINDER OF PRESSURISED FLUID AND CYLINDER INCLUDING SUCH A CAP**
[54] **CHAPEAU DE PROTECTION DE ROBINET DE BOUTEILLE DE FLUIDE SOUS PRESSION ET BOUTEILLE COMPRENANT UN TEL CHAPEAU**
[72] FRENAL, ANTOINE, FR
[72] LIGONESCHE, RENAUD, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2018-04-12
[86] 2016-09-29 (PCT/FR2016/052484)
[87] (WO2017/064387)
[30] FR (1559790) 2015-10-15

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[51] **Int.Cl. A61K 39/00 (2006.01) C12N 5/0783 (2010.01) C07K 14/55 (2006.01) C07K 14/715 (2006.01) C07K 14/725 (2006.01)**
[25] EN
[54] **RECEPTOR**
[54] **RECEPTEUR**
[72] PULE, MARTIN, GB
[72] CORDOBA, SHAUN, GB
[72] RIGHI, MATTEO, GB
[71] AUTOLUS LIMITED, GB
[85] 2018-04-12
[86] 2016-10-21 (PCT/GB2016/053290)
[87] (WO2017/068360)
[30] GB (1518816.2) 2015-10-23

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4035 (2006.01) A61P 35/00 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/08 (2006.01)**
[25] EN
[54] **BENZOLACTAM COMPOUNDS AS PROTEIN KINASE INHIBITORS**
[54] **COMPOSES BENZOLACTAMES UTILISES EN TANT QU'INHIBITEURS DE PROTEINE KINASE**
[72] BERDINI, VALERIO, GB
[72] BUCK, ILDIKO MARIA, GB
[72] DAY, JAMES EDWARD HARVEY, GB
[72] GRIFFITHS-JONES, CHARLOTTE MARY, GB
[72] HEIGHTMAN, THOMAS DANIEL, GB
[72] HOWARD, STEVEN, GB
[72] MURRAY, CHRISTOPHER WILLIAM, GB
[72] NORTON, DAVID, GB
[72] O'REILLY, MARC, GB
[72] WOOLFORD, ALISON JO-ANNE, GB
[72] COOKE, MICHAEL LIAM, GB
[72] COUSIN, DAVID, GB
[72] ONIONS, STUART THOMAS, GB
[72] SHANNON, JONATHAN MARTIN, GB
[72] WATTS, JOHN PAUL, GB
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2018-04-12
[86] 2016-10-20 (PCT/IB2016/001507)
[87] (WO2017/068412)
[30] GB (1518676.0) 2015-10-21
[30] GB (1611351.6) 2016-06-30

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[51] **Int.Cl. G06F 9/50 (2006.01) G05B 19/418 (2006.01)**
[25] EN
[54] **SOFTWARE DEFINED AUTOMATION SYSTEM AND ARCHITECTURE**
[54] **SYSTEME ET ARCHITECTURE D'AUTOMATISATION DEFINIE PAR LOGICIEL**
[72] CHAUVET, ANTONIO, FR
[72] WILHELM, PHILIPPE, US
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[72] ALFANO, ERIC, US
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[72] HUMPHRIES, MARTIN, GB
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[54] **PROCEDE ET SYSTEME DE MISE EN PLACE DE FILS DE NEZ PRE-DECOUPES AU COURS D'UN PROCESSUS DE FABRICATION DE MASQUE FACIAL**
[72] HARRIS, NATHAN CRAIG, US
[72] WEBER, JOSEPH P., US
[72] HOUDE, AJAY Y., US
[72] HARRINGTON, DAVID LAMAR, US
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[54] **PROCEDE ET SYSTEME D'EMPILAGE ET DE CHARGEMENT AUTOMATISES DE MASQUES FACIAUX ENVELOPPES DANS UNE BOITE EN CARTON DANS UNE CHAINE DE FABRICATION**
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[72] PAMPERIN, MARK THOMAS, US
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[54] **OUTIL GENETIQUE DE TRANSFORMATION DE BACTERIES CLOSTRIDIUM**
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[72] LOPES FERREIRA, NICOLAS, FR
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[72] DESZCZ, LISA, US
[72] ROHLER, ERIN, US
[72] CHAPPLE, TRACI, US
[72] STARR, DAVID, US
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[54] **DISPOSITIF DE TEST DU COMPORTEMENT VISUEL D'UN INDIVIDU ET METHODE DE DETERMINATION D'AU MOINS UN PARAMETRE DE CONCEPTION OPTIQUE D'UNE LENTILLE OPHTALMIQUE UTILISANT UN TEL DISPOSITIF**
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[72] POULAIN, ISABELLE, FR
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[54] **PROCEDE ET SYSTEME DE RECUPERATION DE GAZ ACIDES, ET PROCEDE ET SYSTEME D'ANALYSE D'ION FER**
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[72] OKAMOTO, SHINICHI, JP
[72] NAGAYASU, HIROMITSU, JP
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[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **PROCEDES COMBINATOIRES DE PROCESSUS A HAUTE PRESSION ET HAUTE TEMPERATURE (HPTP) POUR PRODUIRE DES PRODUITS A BASE DE VIANDE TEXTURES ET PRODUITS A BASE DE VIANDE AMELIORES OBTENUS AU MOYEN DES PROCEDES**
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[72] KUMKANOKRAT, WARAPORN, TH
[72] KNOERZER, KAI, AU
[72] OLIVIER, SANDRA, AU
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[54] **COMPOSITIONS, PRODUITS PHARMACEUTIQUES CONDITIONNES, ET METHODES D'UTILISATION DE MODULATEURS DE LA VOIE HEDGEHOG POUR LA SENSIBILISATION DE TUMEURS RESISTANTES**
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[54] **TURBINE AVEC DES PALES DE SAVONIUS REGLABLES DYNAMIQUEMENT**
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[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES CONTENANT UN DOMAINE CHLOROTOXINE**
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[72] BROWN, CHRISTINE E., US
[72] FORMAN, STEPHEN J., US
[72] WANG, DONGRUI, US
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[54] **SYSTEME MODULAIRE DE CONVERSION D'ENERGIE HYDROELECTRIQUE A HAUTEUR DE CHUTE VARIABLE**
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[72] COX, CHAD, US
[71] LITTORAL POWER SYSTEMS INC., US
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[54] **PROCEDE POUR DE FRACTURATION D'UNE FORMATION**
[72] KOSTIC, NEBOJSA, US
[72] BIVENS, ERIC, US
[72] EAST, LOYD E., JR., US
[72] DUSTERHOFT, RONALD G., US
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[54] **IMPLANT D'EPAULE SANS TIGE**
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[72] HOPKINS, ANDREW, CH
[72] VANKOSKI, STEPHEN, US
[72] BRITTON, ORSA, CH
[71] ZIMMER, INC., US
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[54] **ANALYSE D'ENREGISTREMENT DE DETAIL D'APPEL POUR IDENTIFIER UNE ACTIVITE FRAUDULEUSE ET DETECTION DE FRAUDE DANS DES SYSTEMES DE REPONSE VOCALE INTERACTIVE**
[72] BANDYOPADHYAY, RAJ, US
[72] CALHOUN, TELVIS, US
[72] BALASUBRAMANIYAN, VIJAY, US
[72] STRONG, SCOTT, US
[72] PATIL, KAILASH, US
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[54] **TENUE AU FEU AMELIOREE POUR DALLE DE PLAFOND STRATIFIEE DE PLACAGE**
[72] BISCHEL, MARSHA S., US
[72] KEHRER, KENNETH P., US
[72] LU, LIDA, US
[72] WANG, MICHELLE X., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
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[54] **SYSTEMS AND METHODS FOR REMOVING COMBUSTION PRODUCTS FROM A POWER GENERATION CYCLE**
[54] **SYSTEMES ET PROCEDES D'ELIMINATION DE PRODUITS DE COMBUSTION A PARTIR D'UN CYCLE DE PRODUCTION D'ENERGIE**
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[72] LU, XIJIA, US
[72] MARTIN, SCOTT THOMAS, US
[71] 8 RIVERS CAPITAL, LLC, US
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[54] **INSPECTION ELECTRONIQUE D'ELINGUE TUBULAIRE, SYSTEME DE SURVEILLANCE DE CHARGE ET D'AVERTISSEMENT**
[72] ST. GERMAIN, SCOTT, US
[72] D'ELIA, GREGORY, US
[72] UCKUN, SERDAR, US
[71] SLINGMAX TECHNOLOGIES LLC, US
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[54] **FEMININE HYGIENE PRODUCTS AND APPARATUS AND METHODS FOR MAKING DISPOSABLE PRODUCTS**
[54] **PRODUITS D'HYGIENE FEMININE ET APPAREIL ET PROCEDES POUR LA FABRICATION DE PRODUITS JETABLES**
[72] PELLAND, JON ALLEN, US
[71] CURT G. JOA, INC., US
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[72] BACKUS, KERIANN M., US
[72] CORREIA, BRUNO E., CH
[72] BLEWETT, MEGAN M., US
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[72] SINGHAL, SHRAWAN, US
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[72] CLARK, GINA THERESA, US
[71] EATON INTELLIGENT POWER LIMITED, IE
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[54] **ZWITTERION DE SOLABEGRON ET SES UTILISATIONS**
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[72] MOBELE, BINGIDIMI ITUTE, US
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[54] **PROCEDES DE TRAITEMENT DE LA DOULEUR OU DE LA FIEVRE AU MOYEN DE DIMERES D'ACETAMINOPHENE PHARMACEUTIQUEMENT ACTIFS LIES PAR L'INTERMEDIAIRE DE GROUPES HYDROXYLE PHENOLIQUES**
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[72] DEROSA, FRANK, US
[72] HEARTLEIN, MICHAEL, US
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[72] VANDERWEYDE, TARA, US
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[71] AQUINNAH PHARMACEUTICALS, INC., US
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[54] **COMPOSES CONTENANT DES TERRES RARES POUR AMELIORER LES PERFORMANCES DE COMPOSITIONS DE TRAITEMENT DE FOND DE PUITS**
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[72] BHADURI, SUMIT, US
[72] MONROE, TERRY D., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **SYSTEME DE COMMANDE DE PARACHUTE DESTINE A UN VEHICULE AERIEN SANS PILOTE**
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[72] SWEENEY, MATTHEW, US
[72] BASS, TOM, US
[72] BADDAM, KRANTHI, US
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[72] HORWITZ, DANIEL, US
[72] SANDERS, ROY, US
[72] DZIADOSZ, DAN, US
[72] GIANNOUDIS, PETER, GB
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[54] **COMPOSES, COMPOSITIONS ET METHODES D'UTILISATION CONTRE DES GRANULES DE STRESS**
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[54] **EQUIPEMENT DE COMPOUNDAGE AUTOMATISE POUR SYSTEME DE TRANSFERT DE FLUIDE FERME**
[72] GARFIELD, JARED, US
[72] SCHRAMM, DANA, US
[72] LYON, GREGORY, US
[72] SCHULER, SCOTT, US
[71] J&J SOLUTIONS, INC. D/B/A CORVIDA MEDICAL, US
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[54] **COMPOSITIONS ET METHODES D'INHIBITION D'ANTIGENES SPECIFIQUES A UNE LIGNEE**
[72] MUKHERJEE, SIDDHARTHA, US
[72] MAHMOOD ALI, ABDULLAH, US
[72] BOROT, FLORENCE, US
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[54] **SYSTEME AUTOMATISE DE PULVERISATEUR POUR OISEAUX EN CAGE**
[72] LESLIE, CHRISTOPHER DAVIS, US
[72] BARRANON, FRANCISCO JAVIER ROJO, MX
[72] ESPINOSA, HECTOR VALDEMAR GARCIA, MX
[71] MERIAL, INC., US
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[72] CUNDIEFF, DOUGLAS A., US
[72] LAW, KOK HERN, SG
[72] LIE, WEI CHEN, SG
[72] WEGENER, SARA K., US
[72] WEINBERG, ROBERT J., US
[72] ANG, YI LIN, SG
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[54] **RACCORDS UTILISES DANS L'EJECTION D'UNE AME DE CABLE COAXIAL HAUTE PRESSION ET L'INJECTION DE CABLE DE FIBRES OPTIQUES**
[72] PURDY, ERIC J., US
[72] MARONEY, RICHARD, US
[71] PPC BROADBAND, INC., US
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[72] SWARUP, SHANTI, US
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[54] **REVETEMENT A BASE DE MELANGE D'HYDROGELS A BASE D'EAU ET PROCEDE D'APPLICATION SUR DES ARTICLES ELASTOMERES**
[72] WOO, CHOON KONG, MY
[72] CHONG, CHUANG SIM, MY
[72] DANGSEEYUN, NUJALEE, TH
[72] WANNAWONG, PANOR, TH
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[54] **SYSTEMES DE COMBINAISON D'ORGANOSILANE FONCTIONNALISE PAR AMINE/ACIDE GRAS, EN TANT QU'INHIBITEURS DE CORROSION/TEINTURE POUR L'APPLICATION SUR L'ALUMINIUM ET SES ALLIAGES**
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[72] ASCENZO, RONALD, US
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[54] **ROBINET COMPRENANT UNE VOIE D'EAU OUVERTE**
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[72] ROSKO, MICHAEL SCOT, US
[72] DAVIDSON, KYLE ROBERT, US
[72] HAYES, GERALD R., US
[71] DELTA FAUCET COMPANY, US
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[54] **APPAREIL DE SERTISSAGE DE CAPUCHON D'EXTREMITE ET PROCEDE POUR SERTIR UN CAPUCHON D'EXTREMITE**
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[72] FARRACE, VICTOR H., CA
[72] WATSON, DAVID, CA
[71] ADMC HOLDING, LLC, US
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[54] **PROCEDE ET APPAREIL POUR FACILITER UNE PREDICTION D'INTENTION DE CLIENT**
[72] WALIA, ANMOL, US
[71] 24/7 CUSTOMER, INC., US
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[72] FIGLEY, TIMOTHY M., US
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[54] **ENSEMBLE ADAPTATEUR DE ROULEMENT A ROULEAU POUR WAGON DE CHEMIN DE FER**
[72] GOLEMBIEWSKI, RONALD D., US
[72] EAST, DAVID M., US
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[72] PEACH, WALTER J., US
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[72] BEHROOZNIA, RASHEED, US
[71] CUBIC CORPORATION, US
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[54] **APPAREIL, SYSTEME ET PROCEDE D'ABLATION DE TISSU RACHIDIEN**
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[72] SMITH, MICHAEL A., US
[72] DUEIRI, DAWUD F., US
[71] KYPHON SARL, CH
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[54] **PROCEDES, DISPOSITIFS, SYSTEMES ET PROCESSUS D'AMELIORATION DE CONCENTRES D'OXYDE DE FER EN UTILISANT LA FLOTTATION INVERSE DE SILICE A UN PH NATUREL**
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[72] SGARLATA, JONATHAN, US
[72] CARLSON, JUSTIN, US
[71] MAGGLOBAL, LLC, US
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[54] **ANTICORPS NEUTRALISANT LE VIRUS SYNCYTIAL RESPIRATOIRE HUMAIN**
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[72] COX, KARA S., US
[72] TANG, AIMIN, US
[72] CHEN, ZHIFENG, US
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[72] ZHANG, LAN, US
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[54] **INHIBITEURS D'HDAC POUR LE TRAITEMENT DE LA NEUROPATHIE PERIPHERIQUE DIABETIQUE**
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[72] JARPE, MATTHEW B., US
[71] ACETYLON PHARMACEUTICALS, INC., US
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[54] **ASSOCIATION D'UN INHIBITEUR DE BCL-2 ET D'UN INHIBITEUR DE MEK POUR LE TRAITEMENT DU CANCER**
[72] MERCHANT, MARK, US
[72] SAMPATH, DEEPAK, US
[72] KONOPLEVA, MARINA YURIEVNA, US
[72] HAN, LINA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[71] GENENTECH, INC., US
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[54] **ASEPTIC AEROSOL MISTING DEVICE**
[54] **PULVERISATEUR D'AEROSOL ASEPTIQUE**
[72] PAUNESCU, ALEXANDRU, US
[72] RYTEL, JOHN, US
[72] MENKE, JAMES C., US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[72] MEACHAM, AMY M., US
[72] SAYESKI, PETER P., US
[72] GIULIANOTTI, MARCELLO A., US
[72] HOUGHTEN, RICHARD A., US
[72] WELMARKER, GREGORY S., US
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[72] SCHORKHUBER, JAKOB, AT
[71] FACC AG, AT
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[54] **NEBULISEUR D'AEROSOL ASEPTIQUE**
[72] PAUNESCU, ALEXANDRU, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[72] TROWELL, STEPHEN, AU
[72] MCCARTHY, JAMES, AU
[72] SIKULU, MAGGY, AU
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[71] SUEZ WATER & TREATMENT SOLUTIONS PTY LTD, AU
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[71] MEDTRONIC MINIMED, INC., US
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[54] **PARTITIONNEMENT DE VECTEUR DE MOUVEMENT DE DERNIERE TRAME**
[72] BANKOSKI, JAMES, US
[72] MUKHERJEE, DEBARGHA, US
[72] XU, YAOWU, US
[71] GOOGLE LLC, US
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[72] BUCKLEY, ADRIAN, US
[72] BAKKER, JAN HENDRIK LUCAS, US
[72] RUSSELL, NICHOLAS JAMES, GB
[71] BLACKBERRY LIMITED, CA
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[54] **ANTAGONISTES SELECTIFS DE NR2B**
[72] ISLAM, IMADUL, US
[72] THANGATHIRUPATHY, SRINIVASAN, IN
[72] WARRIER, JAYAKUMAR SANKARA, IN
[72] CHERUKU, SRINIVAS, IN
[72] SHETTY, POORNIMA, IN
[72] GUPTA, GRANDHI VENKAT RAM KRISHNA MOHAN, IN
[72] MACOR, JOHN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **SYSTEME DE LUTTE AERIENNE CONTRE LES FEUX INCONTROLES UTILISANT UN LIDAR**
[72] DOTEN, LEONARD E., US
[71] DOTEN, LEONARD E., US
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[54] **SYSTEME ET PROCEDE DE COMMANDE DE TRAIN**
[72] OSWALD, JAMES A., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[54] **ANTAGONISTES SELECTIFS DE NR2B**
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[72] WARRIER, JAYAKUMAR SANKARA, IN
[72] CHERUKU, SRINIVAS, IN
[72] SHETTY, POORNIMA, IN
[72] MACOR, JOHN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **SYSTEME ET PROCEDE D'INJECTION ET DE REGULATION DE DEBIT**
[72] NGUYEN, NELSON, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **SYSTEME DE POSITIONNEMENT**
[72] CLEVEN, PETER KRIS, CA
[71] ANTONSEN, ROGER, US
[71] CLEVEN, PETER KRIS, CA
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[54] **APPAREIL DE MISE EN CORRESPONDANCE DE PATIENTS ET PROCEDES D'EXECUTION DE PROCEDURES CHIRURGICALES**
[72] FREY, GEORGE, US
[72] GINZBURG, PAUL, US
[72] LAI, GEOFF, US
[72] VOELKEL, CALEB, US
[72] KANA, GREGORY COOKE, US
[72] STARKMAN, SEAN, US
[71] MIGHTY OAK MEDICAL, INC., US
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[54] **SYSTEME ET PROCEDE POUR FOURNIR DES SIGNATURES AUTHENTIQUES SUR DEMAND E**
[72] GIBSON, THOMAS MATTHEW MANN, CA
[72] DAVE, RAVI VIPOOL BALMUKUND, CA
[71] SYNGRAFII INC., CA
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[54] **SYSTEMES ET PROCEDES POUR FACILITER DES TRANSACTIONS ELECTRONIQUES SECURISEES**
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[72] FARAGO, DAVID, CA
[72] KENDALL, NOEL, CA
[71] COLHOUN, GRANT, CA
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[54] **PROCEDE ET APPAREIL DE MISE EN □UVRE DE SYNCHRONISATION TEMPORELLE DANS UN SYSTEME DE TELEVISION NUMERIQUE**
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[71] THOMSON LICENSING, FR
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[54] **SUIVEUR D'APPORTS NUTRITIONNELS**
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[72] GHOSH, DEBASHIS, US
[72] SHUKEN, RANDY, US
[72] BODO, LORALEE J., US
[72] FELDMAN, JASON ALEX, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[72] CLEVELAND, JOHN L., US
[72] ROSENBERG, LAURA H., GB
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[72] BARRON, MARK B., US
[71] PUBLIC TRANSPORTATION SAFETY INT'L CORP., US
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[54] **PROCEDES ET SYSTEMES IV ERGONOMIQUES**
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[72] PETERSON, BART D., US
[72] BORNHOFT, STEPHEN T., US
[72] CHIA, NEVILLE, SG
[72] SINGH, SIDDHARTH, SG
[72] SONDEREGGER, RALPH L., US
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[71] BECTON, DICKINSON AND COMPANY, US
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[54] **ADAPTATEUR DE CATHETER SOUPLE ET CAPUCHON DE COMPRESSION**
[72] BURKHOLZ, JONATHAN KARL, US
[72] SONDEREGGER, RALPH L., US
[72] PETERSON, BART D., US
[72] WANG, BIN, US
[72] HU, OLIVIA, CN
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[54] **EMBALLAGE EN ALLIAGE D'ALUMINIUM MULTICOUCHE A APTITUDE AU FORMAGE ELEVEE**
[72] FLOREY, GUILLAUME, CH
[72] BEZENCON, CYRILLE, CH
[72] BASSI, CORRADO, CH
[72] TIMM, JUERGEN, DE
[72] DESPOIS, JEAN-FRANCOIS, CH
[72] STADLIN, JACQUES, CH
[71] NOVELIS INC., US
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[72] BEHRENS, RANDALL DEAN, US
[71] PREMIER COIL SOLUTIONS, INC., US
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[54] **ENSEMBLE FEUILLE D'ETIQUETTES ET SON PROCEDE DE FABRICATION**
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[72] NOVAK, MICHAEL, US
[72] HODSDON, JERRY, US
[72] VILLEGAS, GILDARDO R., US
[72] VEYNA-HERNANDEZ, ALEJANDRO G., MX
[72] BRISEE, FLORENCE M., US
[72] UGOLICK, RONALD, US
[71] CCL LABEL, INC., US
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[54] **AGENTS DE TYPE ANTICORPS SPECIFIQUES DE L'ANTIGENE CD19 HUMAIN ET LEURS UTILISATIONS**
[72] LIU, HONG, US
[72] LU, JINGWEI, US
[72] YANG, ZHIYUAN, US
[72] LONG, LI, US
[72] CHENG, NEAL, US
[71] EUREKA THERAPEUTICS, INC., US
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[54] **PASSIVE TENSIONING SYSTEM FOR COMPOSITE MATERIAL PAYOUT CONTROL**
[54] **SYSTEME DE MISE EN TENSION PASSIF POUR COMMANDE DE DEROULEMENT DE MATERIAU COMPOSITE**
[72] BROCKMAN, JOHN, US
[72] VANIGLIA, MILO, US
[71] FIVES MACHINING SYSTEMS, INC., US
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[54] **SYSTEM AND METHOD FOR DYNAMIC AUTONOMOUS TRANSACTIONAL IDENTITY MANAGEMENT**
[54] **SYSTEMES ET PROCEDE POUR UNE GESTION D'IDENTITE DE TRANSACTION AUTONOME DYNAMIQUE**
[72] DUNLEVY, TIM, US
[72] GOSNELL, DENISE, US
[72] TANNER, THEODORE C., JR., US
[72] WHITEMIRE, THOMAS DIXON, IV, US
[71] POKITDOK, INC., US
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[54] **BIOCIDALLY ACTIVE POLYMER COMPOSITIONS**
[54] **COMPOSITIONS POLYMERES A ACTIVITE BIOCIDE**
[72] DAY, ROGER W., US
[72] ZHANG, HUA, US
[72] WOOFTER, RICHARD, US
[72] MAKAL, UMIT G., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2018-04-12
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[54] **PILOT INSIDE A BALL SUITABLE FOR WELLBORE OPERATIONS**
[54] **PILOT A L'INTERIEUR D'UNE ROTULE APPROPRIEE POUR DES OPERATIONS DE PUITS DE FORAGE**
[72] HAWKINS, SAMUEL P., III, US
[71] DRILLING INNOVATIVE SOLUTIONS, LLC, US
[85] 2018-04-12
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[25] EN
[54] **DIRECT STEAM GENERATION, ELECTRICAL POWER GENERATOR, SYSTEM, APPARATUS, AND METHOD**
[54] **GENERATION DE VAPEUR DIRECTE, GENERATEUR D'ENERGIE ELECTRIQUE, SYSTEME, APPAREIL ET PROCEDE**
[72] SKINNER, RAYMOND CLIFFORD DAVID, US
[72] REYNOLDS, ALAN CRAIG, US
[71] XDI HOLDINGS, LLC, US
[85] 2018-04-12
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[25] EN
[54] **SYSTEM AND METHOD FOR REGULATING CELL CULTURE BASED PRODUCTION OF BIOLOGICS**
[54] **SYSTEME ET PROCEDE DE REGULATION DE LA PRODUCTION DE COMPOSES BIOLOGIQUES BASEE SUR UNE CULTURE CELLULAIRE**
[72] POLLEY, REX, US
[72] SARCOPSKI, MATTHEW, US
[72] HORTON, ROBERT, US
[72] ELLIS, THOMAS, US
[72] PEASE, PAUL, US
[72] CHAPIN, JOHN, US
[71] LONZA LTD., CH
[85] 2018-04-12
[86] 2016-10-14 (PCT/US2016/057128)
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[51] **Int.Cl. C12N 15/85 (2006.01) C12N 5/074 (2010.01)**
[25] EN
[54] **PLATFORM FOR THE INDUCTION & MAINTENANCE OF GROUND STATE PLURIPOTENCY**
[54] **PLATE-FORME POUR L'INDUCTION ET LA MAINTENANCE DE LA PLURIPOTENCE A L'ETAT FONDAMENTAL**
[72] VALAMEHR, BAHRAM, US
[72] ROBINSON, MEGAN, US
[72] ABUJAROUR, RAMZEY, US
[71] FATE THERAPEUTICS, INC., US
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[54] **MULTIPLEXED LATERAL FLOW ASSAY SYSTEMS AND METHODS FOR THEIR USE**
[54] **SYSTEMES DE DOSAGE A ECOULEMENT LATERAL MULTIPLEXE ET LEURS PROCEDES D'UTILISATION**
[72] NEEDHAM, JAMES WILLIAM, US
[72] RAYCHAUDHURI, SYAMAL, US
[71] INBIOS INTERNATIONAL, INC., US
[85] 2018-04-12
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[25] EN
[54] **TECHNIQUES FOR MAKING AND USING HOLDING STRAPS WITH HOOK-AND-STRAP ATTACHMENT**
[54] **TECHNIQUES DE FABRICATION ET D'UTILISATION DE SANGLES DE MAINTIEN A FIXATION PAR CROCHET ET SANGLE**
[72] DUFRESNE, ROBERT P., CA
[71] PULTRUSION TECHNIQUE INC., CA
[85] 2018-04-13
[86] 2016-10-12 (PCT/CA2016/051189)
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[54] **COSMETIC COMPOSITION HAVING PROBIOTIC BACTERIA**
[54] **COMPOSITION COSMETIQUE CONTENANT DES BACTERIES PROBIOTIQUES**
[72] DE MIRANDA CHAVES VASQUEZ PINTO, LUCIANA, BR
[72] DOMENES PALMIERI RODRIGUEZ, DEBORA, BR
[72] NICOLI, JACQUES ROBERT, BR
[72] DOS SANTOS MARTINS, FLAVIANO, BR
[72] SOARES SILVA, ANNA KAROLINA, BR
[72] DA SILVA, SIMONE HELENA, BR
[71] NATURA COSMETICOS S.A., BR
[71] UNIVERSIDADE FEDERAL DE MINAS GERAIS, BR
[85] 2018-04-13
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[25] EN
[54] **COMPOUNDS, POLYMERS AND COATING FORMULATIONS THAT COMPRISE AT LEAST ONE N-HALAMINE PRECURSOR, A CATIONIC CENTER AND A COATING INCORPORATION GROUP**
[54] **COMPOSES, POLYMERES ET FORMULATIONS DE REVETEMENT COMPRENANT AU MOINS UN PRECURSEUR DE N-HALAMINE, UN CENTRE CATIONIQUE ET UN GROUPE D'INCORPORATION AU REVETEMENT**
[72] WOLFF, ZACHARY J., CA
[72] GHANBAR, SADEGH, CA
[72] TESSIER, DOMINIC, CA
[72] NING, CHENXI, CA
[72] VAN LEEUWEN, JONATHAN, CA
[72] DUBIEL, MARCELO, CA
[72] BINDRA, GURMEET SINGH, CA
[72] LIU, SONG, CA
[71] EXIGENCE TECHNOLOGIES INC., CA
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[51] **Int.Cl. G06Q 20/36 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REALIZING ISSUANCE, CIRCULATION AND RECYCLING OF ELECTRONIC CURRENCY**
[54] **PROCEDE ET SYSTEME DE REALISATION D'EMISSION, DE CIRCULATION ET DE RECYCLAGE DE MONNAIE ELECTRONIQUE**
[72] ZHANG, YI, CN
[71] 10353744 CANADA LTD., CA
[85] 2018-04-13
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[54] **DOOR SYSTEM FOR MOVABLE STRUCTURES**
[54] **SYSTEME DE PORTE POUR STRUCTURES MOBILES**
[72] SPRUNG, PHILIP D., CA
[71] SPRUNG INSTANT STRUCTURES LTD., CA
[85] 2018-04-13
[86] 2016-10-13 (PCT/CA2016/051194)
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[25] EN
[54] **METHOD AND SYSTEMS FOR INCREASING CAPACITY AND SAFETY OF AERONAUTICAL SAFETY-OF-LIFE SERVICES AND DATA LINKS**
[54] **PROCEDE ET SYSTEMES POUR AUGMENTER LA CAPACITE ET LA SECURITE DE SERVICES ET DE LIAISONS DE DONNEES AERONAUTIQUES POUR LA SAUVEGARDE DES VIES**
[72] WINKLER, ROBERTO, IT
[71] THALES ALENIA SPACE ITALIA S.P.A. CON UNICO SOCIO, IT
[85] 2018-04-13
[86] 2016-06-01 (PCT/EP2016/062431)
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[54] **ALUMINUM ALLOY**
[54] **ALLIAGE D'ALMINIUM**
[72] MATTHIES, CHRISTIANE, DE
[72] BEYER, TOBIAS, DE
[72] KOCH, HUBERT, DE
[72] ROSEFORT, MARCEL, DE
[71] TRIMET ALUMINIUM SE, DE
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[51] **Int.Cl. B02C 17/04 (2006.01) B02C 17/18 (2006.01)**
[25] EN
[54] **A LIFTING WALL ARRANGEMENT AND A SEGMENT OF A LIFTING WALL ARRANGEMENT**
[54] **AGENCEMENT DE PAROI DE LEVAGE ET SEGMENT D'UN AGENCEMENT DE PAROI DE LEVAGE**
[72] CANABES GUERRA, CRISTIAN ALEJANDRO, CL
[71] METSO SWEDEN AB, SE
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[51] **Int.Cl. C23C 16/24 (2006.01) C01B 33/035 (2006.01) C23C 16/44 (2006.01) F16J 15/10 (2006.01)**
[25] EN
[54] **DEVICE FOR INSULATING AND SEALING ELECTRODE HOLDERS IN CVD REACTORS**
[54] **DISPOSITIF D'ISOLEMENT ET D'ETANCHEITE DE SUPPORTS D'ELECTRODE DANS DES REACTEURS CVD**
[72] RENNSCHMID, DOMINIK, DE
[72] KRAUS, HEINZ, DE
[72] KUTZA, CHRISTIAN, DE
[71] WACKER CHEMIE AG, DE
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[54] **EMULSION GAZ-HUILE-EAU ET SON PROCEDE DE PREPARATION**
[72] BOT, ARJEN, NL
[72] LUCIUS, ANITA PERMATASARI, NL
[72] WIERINGA, JAN ALDERS, NL
[71] UNILEVER PLC, GB
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[54] **DERIVES D'ETHER CYCLIQUE DE PYRAZOLO[1,5-A]PYRIMIDINE-3-CARBOXYAMIDE**
[72] HOENKE, CHRISTOPH, DE
[72] BERTANI, BARBARA, DE
[72] FERRARA, MARCO, DE
[72] FOSSATI, GIACOMO, DE
[72] FRATTINI, SARA, DE
[72] GIOVANNINI, RICCARDO, DE
[72] HOBSON, SCOTT, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **CURABLE POLYMERS**
[54] **POLYMERES DURCISSABLES**
[72] AMAJJAHE, SADIK, DE
[72] HENNING, FRAUKE, DE
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] PLATTE, GABRIELE, DE
[72] GABER, FLORIAN, DE
[72] DOEHLER, HARDI, DE
[71] EVONIK DEGUSSA GMBH, DE
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[86] 2016-10-13 (PCT/EP2016/074554)
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[54] **CURABLE POLYMERS**
[54] **POLYMERES DURCISSABLES**
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[72] HENNING, FRAUKE, DE
[72] KNOTT, WILFRIED, DE
[72] DUDZIK, HORST, DE
[72] PLATTE, GABRIELE, DE
[72] GABER, FLORIAN, DE
[72] DOEHLER, HARDI, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **A METHOD FOR OPERATING A SYSTEM AND A SYSTEM**
[54] **PROCEDE DE FONCTIONNEMENT D'UN SYSTEME, ET SYSTEME**
[72] LORRACHER, TOBIAS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **ROBOTIC SURGICAL ASSEMBLY**
[54] **ENSEMBLE CHIRURGICAL ROBOTIQUE**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
[85] 2018-04-13
[86] 2016-10-14 (PCT/EP2016/074805)
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[25] EN
[54] **SURGICAL TOOL FOR ROBOTIC SURGERY AND ROBOTIC SURGICAL ASSEMBLY**
[54] **OUTIL CHIRURGICAL POUR CHIRURGIE ROBOTIQUE ET ENSEMBLE DE CHIRURGIE ROBOTIQUE**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
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[25] EN
[54] **A CUTTING TOOL AND A BRANCH CONNECTION DEVICE COMPRISING A CUTTING TOOL**
[54] **OUTIL DE COUPE ET DISPOSITIF DE RACCORDEMENT DE DERIVATION COMPRENANT UN OUTIL DE COUPE**
[72] HEERSEMA, MICHIEL, NL
[72] VAN DER WORP, HENDRIK JAN MARK, NL
[71] WAVIN B.V., NL
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[25] EN
[54] **A SURGICAL TOOL**
[54] **OUTIL CHIRURGICAL**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
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[51] **Int.Cl. B32B 37/18 (2006.01)**
[25] EN
[54] **A PROCESS FOR PRODUCING A MULTILAYER LAMINATE**
[54] **PROCEDE DE PRODUCTION DE STRATIFIE MULTICOUCHE**
[72] ODERKERK, JEROEN, SE
[72] COSTA, FRANCIS, AT
[72] GALGALI, GIRISH SURESH, AT
[72] BROEDERS, BERT, BE
[72] BERGQVIST, MATTIAS, SE
[72] HELLSTROM, STEFAN, SE
[71] BOREALIS AG, AT
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[51] **Int.Cl. G01B 11/24 (2006.01) G01B 11/245 (2006.01)**
[25] FR
[54] **DISPOSITIF DE CONTROLE TRIDIMENSIONNEL SANS CONTACT D'UNE PIECE MECANIQUE A DENTURE**
[54] **DEVICE FOR THE CONTACTLESS THREE-DIMENSIONAL INSPECTION OF A TOOTHED MECHANICAL COMPONENT**
[72] LE NEEL, DIDIER, FR
[71] MESURE-SYSTEMS3D, FR
[85] 2018-04-13
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[87] (WO2017/076854)
[30] FR (1560485) 2015-11-02

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[51] **Int.Cl. B23H 11/00 (2006.01) A61B 34/00 (2016.01) B23H 7/02 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING FOR A MEDICAL INSTRUMENT**
[54] **PROCEDE DE FABRICATION POUR UN INSTRUMENT MEDICAL**
[72] SIMI, MASSIMILIANO, IT
[72] PRISCO, GIUSEPPE MARIA, IT
[71] MEDICAL MICROINSTRUMENTS S.P.A., IT
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[30] IT (102015000062548) 2015-10-16

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[54] **ANTICORPS ANTI-ROR1**
[72] WALDMEIER, LORENZ, CH
[72] GRAWUNDER, ULF, CH
[72] BEERLI, ROGER, CH
[71] NBE-THERAPEUTICS AG, CH
[85] 2018-04-13
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[54] **SYSTEME DE TURBINE A GAZ**
[72] BULAT, GHENADIE, GB
[72] HUGHES, TIMOTHY, GB
[72] MAY, JONATHAN, GB
[72] WILKINSON, IAN, GB
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **AN INJECTION MOLDED PLASTIC OBJECT WITH AN EMBEDDED ELECTRONIC CIRCUIT PRINTED ON A PAPER BASE AND METHOD OF ITS PRUDCUTION**
[54] **OBJET EN PLASTIQUE MOULE PAR INJECTION PRESENTANT UN CIRCUIT ELECTRONIQUE ENROBE, IMPRIME SUR UN SUPPORT EN PAPIER ET PROCEDE POUR SA PRODUCTION**
[72] CHARTIER, CHRISTOPHE, FR
[72] DEPRES, GAEL, FR
[72] VAU, JEAN-MARIE, FR
[71] ARJO WIGGINS FINE PAPERS LIMITED, GB
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[54] **MECHANISM AND METHOD FOR INTRODUCING A WAVE WINDING FROM A PREFABRICATED WAVE WINDING MAT INTO STATOR SHEET METAL PACKET GROOVES**
[54] **DISPOSITIF ET PROCEDE D'INTRODUCTION D'UN ENROULEMENT ONDULE D'UN TAPIS D'ENROULEMENT ONDULE PREFABRIQUE DANS DES RAINURES DE PAQUET DE TOLES DE STATOR**
[72] LUTTGE, WOLFGANG, DE
[71] AUMANN ESPELKAMP GMBH, DE
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[54] **METHOD OF MAKING A PART FROM A FIBER COMPOSITE MATERIAL**
[54] **PROCEDE POUR LA FABRICATION D'UN ELEMENT EN MATERIAU COMPOSITE A BASE DE FIBRES**
[72] SEBASTIAN, LOTHAR, DE
[72] SCHURMANN, KLAUS, DE
[72] SCHOLER, MICHAEL, DE
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH, DE
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[54] **ELEMENT GENERATEUR D'AEROSOL DESTINE A ETRE UTILISE DANS UN ARTICLE GENERATEUR D'AEROSOL**
[72] BATISTA, RUI, CH
[72] ROJO-CALDERON, NOELIA, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **A SURROUNDING MEMBER FOR A PIPE**
[54] **ELEMENT D'ENTOURAGE POUR UN TUYAU**
[72] LEVER, ALEXANDER JONATHAN, GB
[72] BURDETT, CHRISTOPHER ROBERT, GB
[71] SNUG SOLUTIONS LTD, GB
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[54] **A METHOD FOR OPERATING AN ELECTRONIC VAPOUR INHALER**
[54] **PROCEDE POUR ACTIONNER UN INHALATEUR DE VAPEUR ELECTRONIQUE**
[72] GILL, MARK, GB
[72] VANKO, DANIEL, GB
[72] BRVENIK, LUBOS, GB
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[72] REICH, MELANIE, DE
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[54] **GUIDE DE FAISCEAU POUR ECLAIRAGE CHIRURGICAL OPHTALMIQUE**
[72] PAPAC, MICHAEL J., US
[72] ULINSKAS, VIT, US
[71] NOVARTIS AG, CH
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[54] **METHODE POUR FAVORISER LA REGENERATION NERVEUSE A L'AIDE D'UNE STIMULATION ELECTRIQUE**
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[72] SEBASTIAN, ANIL, GB
[71] OXFORD BIOELECTRONICS LTD, GB
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[72] MOWBRAY, MATHEW PETER, NZ
[71] CREATIVE IMPACT INC., VG
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[54] **MOTEUR ELECTRIQUE**
[72] MOSTOVOY, ALEXANDER, IL
[72] SHLAKHETSKI, VICTOR, IL
[71] VASTECH HOLDINGS LTD., GB
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[72] FEUERBORN, ALEXANDER, GB
[72] WALSH, EDMOND, GB
[71] OXFORD UNIVERSITY INNOVATION LIMITED, GB
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[72] KHOPADE, AJAY JAYSINGH, IN
[72] HALDER, ARINDAM, IN
[72] SHAH, ANKIT SHAILESHKUMAR, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
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[54] **METHOD FOR TESTING A LASER DEVICE**
[54] **PROCEDE D'ANALYSE DE DISPOSITIF LASER**
[72] ABRAHAM, MARIO, DE
[72] RIEDEL, PETER, DE
[71] NOVARTIS AG, CH
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[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
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[54] **NOUVEAUX ANTIOESTROGENES HETEROCYCLIQUES**
[72] PAL, RANJAN KUMAR, IN
[72] SEDANI, AMIT PRAVINBHAI, IN
[72] PRAJAPATI, KAUSHIKKUMAR DHANJIBHAI, IN
[72] RANA, DIJIXA PINAKIN, IN
[72] PATHAK, SANDEEP PANKAJBHAI, IN
[72] DESAI, JAPAN NITINKUMAR, IN
[72] ARADHYE, JAYRAJ DILIPBHAI, IN
[72] PANCHAL, BHAVESH MOHANBHAI, IN
[72] GHOSH, INDRANEEL, IN
[72] CHITTURI, TRINADHA RAO, IN
[71] SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, IN
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[54] **MANAGEMENT SYSTEM FOR WORK MACHINE, WORK MACHINE, AND MANAGEMENT DEVICE FOR WORK MACHINE**
[54] **SYSTEME DE GESTION D'ENGIN DE CHANTIER, ENGIN DE CHANTIER, ET DISPOSITIF DE GESTION D'ENGIN DE CHANTIER**
[72] SAKAI, ATSUSHI, JP
[72] TOJIMA, MASANORI, JP
[72] OZAKI, TOMONORI, JP
[71] KOMATSU LTD., JP
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[54] **RECUPERATION DE FICHIER**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
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[54] **TRAITEMENT D'UNE GRIPPE MODEREE A GRAVE**
[72] NOCKER, KARLHEINZ, DE
[72] CANISIUS, SEBASTIAN, DE
[72] SCHEUCH, GERHARD, DE
[71] VENTALEON GMBH, DE
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[54] **WORK MACHINE MANAGEMENT SYSTEM AND WORK MACHINE**
[54] **SYSTEME DE GESTION DE MACHINE DE TRAVAIL ET MACHINE DE TRAVAIL**
[72] SAKAI, ATSUSHI, JP
[72] MINAGAWA, MASANORI, JP
[72] OZAKI, TOMONORI, JP
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[54] **METHOD FOR PRODUCING HETEROCYCLIC COMPOUND**
[54] **PROCEDE DE PRODUCTION DE COMPOSE HETEROCYCLIQUE**
[72] KOMURA, FUMIYA, JP
[72] HIGUCHI, YOSHIHIRO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2018-04-13
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[54] **BATTERY BANK SUPPLY AND REPLACEMENT SYSTEM IN AN ELECTRIC VEHICLE FOR COMMERCIAL USE**
[54] **SYSTEME D'APPROVISIONNEMENT ET D'ECHANGE DE BANC DE BATTERIES DANS UN VEHICULE UTILITAIRE ELECTRIQUE**
[72] HERNANDEZ LOPEZ, LUIS ANGEL, MX
[72] PICHARDO ANAYA, HUGO, MX
[72] HERNANDEZ JIMENEZ, JOSE DE JESUS, MX
[72] ORTEGA NOLASCO, LEONARDO DANIEL, MX
[72] MARTINEZ DORANTES, ARTURO, MX
[72] GARCIA MENDEZ, JORGE ALEJANDRO, MX
[72] NAVA ORTIZ, CARLOS, MX
[71] GRUPO BIMBO, S.A.B. DE C.V., MX
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[25] EN
[54] **STEEL WIRE ROD FOR WIRE DRAWING**
[54] **FIL D'ACIER POUR TREFILAGE**
[72] TESHIMA, TOSHIHIKO, JP
[72] DAITO, YOSHIHIRO, JP
[72] MANABE, TOSHIYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **PROCESSING APPARATUS AND PROGRAM**
[54] **DISPOSITIF ET PROGRAMME DE TRAITEMENT**
[72] YAMAGUCHI, KOJI, JP
[71] FUTABA INDUSTRIAL CO., LTD., JP
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[25] EN
[54] **SYSTEM FOR ANALYZING CARBON DIOXIDE CONCENTRATION OF AMINE-BASED ABSORBING SOLUTION, CARBON DIOXIDE RECOVERY SYSTEM, AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME PERMETTANT D'ANALYSER UNE CONCENTRATION EN DIOXYDE DE CARBONE D'UNE SOLUTION ABSORBANTE A BASE D'AMINES, SYSTEME DE RECUPERATION DE DIOXYDE DE CARBONE ET SON PROCEDE DE FONCTIONNEMENT**
[72] HIRATA, TAKUYA, JP
[72] SAKAGUCHI, MASAKAZU, JP
[72] TSUJIUCHI, TATSUYA, JP
[72] TANAKA, HIROSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD., JP
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[54] **AGENT THERAPEUTIQUE DESTINE AU CANCER DU SEIN**
[72] MIYANO, SAORI, JP
[72] YAMAMOTO, YUJI, JP
[72] NAKAGAWA, TAKAYUKI, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[54] **SYSTEME POUR VERIFIER LES PERFORMANCES EN MATIERE D'ENERGIE ET SURVEILLER DES CENTRALES ELECTRIQUES PHOTOVOLTAIQUES OU DES PARCS EOLIENS**
[72] DI MATTEO, NICOLA RAFFAELE, IT
[71] SUNREPORT S.R.L., IT
[71] DI MATTEO, NICOLA RAFFAELE, IT
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[54] **METHOD OF RESISTANCE SPOT WELDING**
[54] **PROCEDE DE SOUDAGE PAR POINTS RESISTIF**
[72] FURUSAKO, SEIJI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-04-13
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[25] EN
[54] **METHOD AND SYSTEM FOR SPLICING NOSE WIRE IN A FACEMASK MANUFACTURING PROCESS**
[54] **PROCEDE ET SYSTEME POUR EPISSER UN FIL DE NEZ DANS UN PROCESSUS DE FABRICATION DE MASQUE FACIAL**
[72] PAMPERIN, MARK THOMAS, US
[72] HARRIS, NATHAN CRAIG, US
[72] WEBER, JOSEPH P., US
[72] HOUDE, AJAY Y., US
[72] HARRINGTON, DAVID LAMAR, US
[71] AVENT, INC., US
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[54] **METHOD AND SYSTEM FOR SPLICING NOSE WIRE IN A FACEMASK MANUFACTURING PROCESS**
[54] **PROCEDE ET SYSTEME D'EPISSAGE DE FIL DE NEZ DANS UN PROCEDE DE FABRICATION DE MASQUE FACIAL**
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[72] WEBER, JOSEPH P., US
[72] HOUDE, AJAY Y., US
[72] HARRINGTON, DAVID LAMAR, US
[72] PAMPERIN, MARK THOMAS, US
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[72] FINLAY, HEATHER, US
[72] JIANG, JI, US
[72] JOHNSON, JAMES A., US
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[72] MYERS, MICHAEL C., US
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[72] SISAY, MIHIRET TEKESTE, DE
[72] SCHACHTSCHABEL, DOREEN, DE
[72] HANZLIK, KRISTIN, DE
[72] WESTON J, BRIGITTE, DE
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[54] **SYSTEME AQUAPONIQUE ET PROCEDE D'ELEVAGE D'ANIMAUX AQUATIQUES ET PROCEDE DE CULTURE DE PLANTES UTILISANT CELUI-CI**
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[54] **METHOD AND SYSTEM FOR CUTTING AND PLACING NOSE WIRES IN A FACEMASK MANUFACTURING PROCESS**
[54] **PROCEDE ET SYSTEME POUR COUPER ET PLACER DES FILS DE NEZ DANS UN PROCESSUS DE FABRICATION DE MASQUE FACIAL**
[72] HARRINGTON, DAVID LAMAR, US
[72] PAMPERIN, MARK THOMAS, US
[72] HARRIS, NATHAN CRAIG, US
[72] WEBER, JOSEPH P., US
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[54] **PLANTES PRESENTANT UNE TOLERANCE ACCRUE AUX HERBICIDES**
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[72] SISAY, MIHIRET TEKESTE, DE
[72] SCHACHTSCHABEL, DOREEN, DE
[72] HANZLIK, KRISTIN, DE
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[54] **METHOD AND SYSTEM FOR AUTOMATED STACKING AND LOADING OF WRAPPED FACEMASKS INTO A CARTON IN A MANUFACTURING LINE**
[54] **PROCEDE ET SYSTEME POUR L'EMPILEMENT ET CHARGE AUTOMATISES DE MASQUES FACIAUX ENVELOPPES DANS UN CARTON DANS UNE CHAINE DE PRODUCTION**
[72] HARRINGTON, DAVID LAMAR, US
[72] PAMPERIN, MARK THOMAS, US
[72] HARRIS, NATHAN CRAIG, US
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[72] HOUDE, AJAY Y., US
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[54] **DISPOSITIF ET PROCEDE DE CAPTURE ET ENREGISTREMENT DES PARTICULES FINES ET/OU DENSITE DES GAZ NOX DANS L'AIR**
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[71] PLANETWATCH24, FR
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[71] POINCELET, PHILIPPE, FR
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[54] **SYSTEME DE GESTION DE SESSION EN NUAGE**
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[72] MILLET, DAMIEN, FR
[71] MILLET INNOVATION, FR
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[54] **METHOD AND SYSTEM FOR MONITORING AND PREDICTING GAS LEAK**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE ET DE PREDICTION DE FUITE DE GAZ**
[72] WESLEY, AVINASH, US
[72] LU, JIANXIN, US
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[54] **METHOD FOR DETERMINING A VISUAL BEHAVIOR PARAMETER OF A PERSON, AND RELATED TESTING DEVICE**
[54] **METHODE DE DETERMINATION D'UN PARAMETRE DE COMPORTEMENT VISUEL D'UN INDIVIDU ET DISPOSITIF DE TEST ASSOCIE**
[72] ESCALIER, GUILHEM, FR
[72] POULAIN, ISABELLE, FR
[72] DEBIEUVRE, AMANDINE, FR
[72] PAILLE, DAMIEN, FR
[72] TRANVOUEZ-BERNARDIN, DELPHINE, FR
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[54] **DISPOSITIF ET METHODE D'EXTRACTION**
[72] GAUTHERON, ANTHONY, FR
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[54] **A METHOD FOR ALTERING THE FUNCTIONAL STATE OF MRNA ALLOWING ITS SELECTIVE AND SPECIFIC RECOGNITION**
[54] **PROCEDE PERMETTANT DE MODIFIER L'ETAT FONCTIONNEL DE L'ARNM POUR PERMETTRE SA RECONNAISSANCE SELECTIVE ET SPECIFIQUE**
[72] RAZGA, FILIP, SK
[72] NEMETHOVA, VERONIKA, SK
[71] USTAV POLYMEROV SAV, SK
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[54] **PRECAST REPLACEMENT SURFACES FOR CONTACT WITH HEATED METAL**
[54] **SURFACES DE REMPLACEMENT PRE-COULEES POUR MISE EN CONTACT AVEC UN METAL CHAUFFE**
[72] THIBODEAU, JOSHUA, US
[72] ROTHROCK, ELWOOD, US
[72] NELSON, VINCENT A., US
[71] VESUVIUS USA CORPORATION, US
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[54] **COMMUTATEUR OPTIQUE A GRANDE ECHELLE UTILISANT DES ELEMENTS 1X2 ASYMETRIQUES**
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[54] **SYSTEMS AND METHODS FOR DETERMINING CURRENTLY AVAILABLE CAPACITY FOR A SERVICE PROVIDER**
[54] **SYSTEMES ET PROCEDES POUR DETERMINER LA CAPACITE ACTUELLEMENT DISPONIBLE POUR UN FOURNISSEUR DE SERVICES**
[72] BHATTACHARJEE, MANASH, US
[72] GHOSH, DEBASHIS, US
[72] SHUKEN, RANDY, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **JETON DE SECURITE**
[72] CALL, WAYNE, US
[72] DEVRIES, CRAIG, US
[72] WARREN, JEREMY B., US
[72] CHILD, MICHAEL D., US
[71] VIVINT, INC., US
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[72] MAIN, JONATHAN JAMES, GB
[72] COLLINGE, MEHDI, BE
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **A METHOD FOR RECOMMENDING SEEDING RATE FOR CORN SEED USING SEED TYPE AND SOWING ROW WIDTH**
[54] **PROCEDE DE RECOMMANDATION D'UN TAUX DE SEMIS DE GRAINES DE MAIS AU MOYEN D'UN TYPE DE GRAINE ET D'UNE LARGEUR DE LIGNE DE SEMIS**
[72] XU, LIJUAN, US
[72] LAMSAL, SANJAY, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-04-13
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[54] **COMPOUNDS USEFUL AS IMMUNOMODULATORS**
[54] **COMPOSES UTILES EN TANT QU'IMMUNOMODULATEURS**
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[72] FRENNESSON, DAVID B., US
[72] GRANT-YOUNG, KATHARINE A., US
[72] HEWAWASAM, PIYASENA, US
[72] LANGLEY, DAVID R., US
[72] MENG, ZHAOXING, US
[72] MULL, ERIC, US
[72] PARCELLA, KYLE E., US
[72] SAULNIER, MARK GEORGE, US
[72] SUN, LI-QIANG, US
[72] WANG, ALAN XIANGDONG, US
[72] XU, NINGNING, US
[72] ZHU, JULIANG, US
[72] SCOLA, PAUL MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **EXTENSION TUBING STRAIN RELIEF**
[54] **REDUCTION DES CONTRAINTES DE TUBE DE RALLONGE**
[72] PETERSON, BART D., US
[72] BURKHOLZ, JONATHAN KARL, US
[72] BIHLMAIER, BRYAN FRED, US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTINUOUS INJECTION MOLDING**
[54] **SYSTEME ET PROCEDE DE MOULAGE PAR INJECTION CONTINUE**
[72] WARD, COY DEL, US
[72] NEUFARTH, RALPH EDWIN, US
[72] ALTONEN, GENE MICHAEL, US
[72] HUANG, CHOW-CHI, US
[72] BERG, CHARLES JOHN, US
[71] IMFLUX INC., US
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[54] **CLOSED IV ACCESS DEVICE WITH Y-PORT NEEDLE-FREE CONNECTOR**
[54] **DISPOSITIF D'ACCES IV FERME DOTE D'UN RACCORD SANS AIGUILLE ET A ORIFICE EN Y**
[72] BURKHOLZ, JONATHAN KARL, US
[72] MANSOUR, GEORGE MICHEL, US
[72] YEH, JONATHAN, US
[71] CAREFUSION 303, INC., US
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[54] **CONNECTION ASSEMBLY FOR ADJOINING A PERIPHERAL WITH A HOST WEARABLE DEVICE**
[54] **ENSEMBLE DE CONNEXION PERMETTANT D'ADJOINDRE UN PERIPHERIQUE A UN DISPOSITIF HOTE PORTABLE**
[72] DEY, SAIKAT, US
[72] REEPMEYER, GERRIT, US
[72] SENGUPTA, ANUPAM, US
[72] ZHAVORONKOV, MIKHAIL, US
[72] PERUMAL, SENNI, US
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[54] **CO-INJECTION WITH CONTINUOUS INJECTION MOLDING**
[54] **CO-INJECTION AVEC MOULAGE PAR INJECTION CONTINUE**
[72] WARD, COY DEL, US
[72] NEUFARTH, RALPH EDWIN, US
[72] ALTONEN, GENE MICHAEL, US
[72] HUANG, CHOW-CHI, US
[72] BERG, CHARLES JOHN, US
[71] IMFLUX INC., US
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[54] **DISPOSITIF DE MATURATION DE BOISSON ALCOOLISEE**
[72] BAILEY, EDWARD, US
[72] LINDSAY, NORMA, US
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[54] **A LUMINAIRE HAVING A BEACON AND A DIRECTIONAL ANTENNA**
[54] **LUMINAIRE AYANT UNE BALISE ET UNE ANTENNE DIRECTIONNELLE**
[72] BATAI, ROLAND, HU
[72] BULUMULLA, SELAKA BANDARA, US
[72] FEHER, GABOR, HU
[72] HARTMAN, MICHAEL JAMES, US
[72] HORVATH, ROBERT, HU
[72] TOROS, GABOR BALINT, HU
[71] GENERAL ELECTRIC COMPANY, US
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[54] **REVETEMENT MULTICOUCHE A EFFET VISUEL**
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[71] POLYNT COMPOSITES USA, INC., US
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[54] **SLIDING DOOR AND WINDOW ROLLER ASSEMBLY**
[54] **ENSEMBLE GALET POUR PORTE ET FENETRE COULISSANTE**
[72] FONTIJN, MARCEL, US
[72] KERN, THOMAS, US
[71] GOLDBRECHT INC., US
[85] 2018-04-12
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[54] **CONTENT MANAGEMENT ON REMOTE DISPLAYS USING URL REWRITING**
[54] **GESTION DE CONTENUS SUR DES DISPOSITIFS D'AFFICHAGE A DISTANCE PAR LE BIAIS D'UNE REECRITURE D'UNE URL**
[72] JARNAGIN, ANDREW, US
[71] THE COCA-COLA COMPANY, US
[85] 2018-04-13
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[54] **STRAPLESS AND BACKLESS BRA**
[54] **SOUTIEN-GORGE SANS BRETELLES ET SANS PARTIE DORSALE**
[72] EILEMBERG, NICOLE GARLAND, US
[71] EILEMBERG, NICOLE GARLAND, US
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[54] **EPOTHILONE ANALOGS, METHODS OF SYNTHESIS, METHODS OF TREATMENT, AND DRUG CONJUGATES THEREOF**
[54] **ANALOGUES D'EPOTHILONE, PROCEDES DE SYNTHESE, PROCEDES DE TRAITEMENT, ET CONJUGUES MEDICAMENTEUX DE CEUX-CI**
[72] NICOLAOU, KYRIACOS C., US
[72] RHOADES, DEREK, US
[72] WANG, YANPING, US
[72] TOTOKOTSOPOULOS, SOTIRIOS, US
[71] WILLIAM MARSH RICE UNIVERSITY, US
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[54] **METHOD AND APPARATUS FOR SUBCUTANEOUS INJECTION WITH ELECTRIC NERVE STIMULATION**
[54] **PROCEDE ET APPAREIL POUR L'INJECTION SOUS-CUTANEE ASSOCIEE A LA STIMULATION NERVEUSE ELECTRIQUE**
[72] HOCHMAN, MARK N., US
[72] OSSER, LEONARD A., US
[71] MILESTONE SCIENTIFIC, INC., US
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[54] **COMBINATION THERAPY FOR TREATING MALIGNANCIES**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE MALIGNITES**
[72] CHOPRA, VIVEK SAROJ KUMAR, US
[72] DIMARTINO, JORGE, US
[72] KENVIN, LAURIE A., US
[72] KNIGHT, ROBERT DOUGLAS, US
[72] MACBETH, KYLE, US
[72] VISWANADHAN, KRISHNAN, US
[72] XU, QIANG, US
[72] AGRESTA, SAMUEL V., US
[71] CELGENE CORPORATION, US
[71] AGIOS PHARMACEUTICALS, INC., US
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[54] **SYSTEM AND METHOD FOR DYNAMIC METADATA PERSISTENCE AND CORRELATION ON API TRANSACTIONS**
[54] **SYSTEME ET PROCEDE POUR LA PERSISTANCE ET LA CORRELATION DYNAMIQUES DE METADONNEES SUR DES TRANSACTIONS D'API**
[72] CORBIN, BRIAN, US
[72] DUNLEVY, TIM, US
[72] GOSNELL, DENISE K., US
[72] ALDRIDGE, MATT, US
[72] THOMAS, DOUG, US
[72] TANNER, TED, US
[71] POKITDOK, INC., US
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[54] **APPARATUS AND METHOD FOR POSITIONING, IMPLANTING AND USING A STIMULATION LEAD**
[54] **APPAREIL ET PROCEDE DE POSITIONNEMENT, D'IMPLANTATION ET D'UTILISATION D'UN CONDUCTEUR DE STIMULATION**
[72] BOGGS, JOSEPH W., US
[72] WONGSARNPIGOON, AMORN, US
[72] DEBOCK, MATTHEW G., US
[72] MCGEE, MEREDITH J., US
[72] SELL, DEVIN, US
[72] STROTHER, ROBERT B., US
[71] SPR THERAPEUTICS, LLC, US
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[54] **SYSTEMS AND METHODS FOR MANAGING DIGITAL IDENTITIES**
[54] **SYSTEMES ET PROCEDES DE GESTION D'IDENTITES NUMERIQUES**
[72] BHARGAVA, ALOK, US
[72] OBERHAUSER, ALEX, US
[72] COMMONS, MATTHEW, US
[71] CAMBRIDGE BLOCKCHAIN, LLC, US
[85] 2018-04-13
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[54] **SYSTEM AND METHOD FOR DATA COMPRESSION OVER A COMMUNICATION NETWORK**
[54] **SYSTEME ET PROCEDE POUR UNE COMPRESSION DE DONNEES SUR UN RESEAU DE COMMUNICATION**
[72] CHAOUA, YOUCEF, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
[85] 2018-04-13
[86] 2016-10-18 (PCT/US2016/057485)
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[54] **METHODS AND COMPOSITIONS FOR TREATING TRAUMATIC BRAIN INJURY**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'UNE LESION CEREBRALE TRAUMATIQUE**
[72] SCHRADER, DAVID A., US
[71] SCYTHIAN BIOSCIENCES INC., CA
[85] 2018-04-13
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[54] **EMBALLAGE ET SYSTEME DE DISTRIBUTION DE MEDICAMENTS**
[72] KIM, LORI, US
[72] BREBAN-LOPEZ, ALEXANDRA, US
[72] MEDHAL, BHIMAPRASAD, US
[72] BOJICIC, DEJAN, US
[72] UPCHURCH, GUY, US
[72] FINCH, JOHN G., US
[72] SITA, LEWIS, US
[71] ABBVIE INC., US
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[54] **PRISE DE COMMUNICATION A MECANISME OBTURATEUR ET DISPOSITIF DE GESTION DE FIL**
[72] BRAGG, CHARLES, US
[72] ZIELKE, DARRELL W., US
[71] LEVITON MANUFACTURING CO., INC., US
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[54] **CONFIGURATION DE CANAL DE COMMUNICATION DE SERVICE CLIENT**
[72] BOWDEN, JULIAN, US
[72] WISE, JOHN W., US
[72] SOS-MUNOZ, VICENT, US
[71] INVESTCLOUD INC., US
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[54] **COMMUNICATION CONNECTOR**
[54] **CONNECTEUR DE COMMUNICATION**
[72] RILEY, JON CLARK, US
[72] TAYLOR, BRET, US
[72] BRAGG, CHARLES, US
[72] ZIELKE, DARRELL W., US
[72] SAUTER, TOM, US
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[54] **METHODS AND DEVICES FOR AUTO-CALIBRATING LIGHT DIMMERS**
[54] **PROCEDES ET DISPOSITIFS D'AUTO-ETALONNAGE DE GRADATEURS DE LUMIERE**
[72] CARTRETTE, JONATHAN P., US
[72] HORTON, PETER J., US
[71] THE WATT STOPPER, INC., US
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[54] **WATER-RESISTANT GYPSUM PRODUCTS AND METHODS**
[54] **PRODUITS A BASE DE PLATRE RESISTANTS A L'EAU ET PROCEDES**
[72] HAJAKIAN, PAULA, US
[72] REED, PAUL W., US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **FREEZE-THAW DURABLE GEOPOLYMER COMPOSITIONS AND METHODS FOR MAKING SAME**
[54] **COMPOSITIONS DE GEOPOLYMERES RESISTANT A LA CONGELATION-DECONGELATION ET LEURS PROCEDES DE FABRICATION**
[72] DUBEY, ASHISH, US
[72] CHITHIRAPUTHIRAN, SUNDARARAMAN, US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **CEILING PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX DE PLAFOND**
[72] UNDERKOFLER, ABRAHAM M., US
[72] GULBRANDSEN, PEDER J., US
[72] PAULSEN, MARK R., US
[71] USG INTERIORS, LLC, US
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[54] **RESOURCE RESPONSE EXPANSION**
[54] **EXTENSION DE REPONSE DE RESSOURCE**
[72] BUSAYARAT, SATA, US
[72] GAY, ALLEN ARTHUR, US
[72] FURTWANGLER, BRANDON C., US
[72] FURTWANGLER, STEVEN N., US
[71] HOME BOX OFFICE, INC., US
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[54] **METHOD OF MODIFYING A CONVENTIONAL DIRECT INJECTOR AND MODIFIED INJECTOR ASSEMBLY**
[54] **PROCEDE DE MODIFICATION D'UN INJECTEUR DIRECT CLASSIQUE ET ENSEMBLE INJECTEUR MODIFIE**
[72] LOSCRUDATO, FRANK S., US
[72] BARROS NETO, OSANAN L., US
[71] NOSTRUM ENERGY PTE. LTD., SG
[85] 2018-04-13
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[54] **BIODEGRADABLE ABSORBENT MATERIAL AND METHOD OF MANUFACTURE**
[54] **MATERIAU ABSORBANT BIODEGRADABLE ET PROCEDE DE FABRICATION**
[72] CHAMBERS, WILLIAM, US
[72] MCCLELLAND, PAUL, US
[71] TRYECO, LLC, US
[71] CHAMBERS, WILLIAM, US
[71] MCCLELLAND, PAUL, US
[85] 2018-04-13
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[51] **Int.Cl. B21B 1/22 (2006.01) B21B 27/00 (2006.01)**
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[54] **ENGINEERED WORK ROLL TEXTURING**
[54] **TEXTURATION FONCTIONNELLE DE CYLINDRES DE TRAVAIL**
[72] BASSI, CORRADO, CH
[72] MATHIEU, JOERG, CH
[72] GLOCK, SUSANNE, CH
[72] WINKLER, DANIEL, CH
[71] NOVELIS INC., US
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[30] US (62/241,567) 2015-10-14

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[51] **Int.Cl. A61B 90/00 (2016.01)**
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[54] **IMPLANTABLE FASTENER FOR ATTACHMENT OF A MEDICAL DEVICE TO TISSUE**
[54] **DISPOSITIF DE FIXATION IMPLANTABLE POUR FIXATION D'UN DISPOSITIF MEDICAL A UN TISSU**
[72] LIMEM, SKANDER, US
[72] VAN NATTA, BRUCE, US
[72] CRISTADORO, KEVIN, US
[71] TEPHA, INC., US
[85] 2018-04-13
[86] 2016-10-13 (PCT/US2016/056861)
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[30] US (62/241,841) 2015-10-15

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[54] **NATURAL KILLER CELLS AND ILC3 CELLS AND USES THEREOF**
[54] **CELLULES TUEUSES NATURELLES ET CELLULES ILC3, ET LEURS UTILISATIONS**
[72] ZHANG, XIAOKUI, US
[72] DJURETIC, IVANA, US
[72] KANG, LIN, US
[72] VOSKINARIAN-BERSE, VANESSA, US
[72] STOUT, BHAVANI, US
[72] HARIRI, ROBERT J., US
[72] HOFGARTNER, WOLFGANG, US
[72] EDINGER, JAMES, US
[72] LAW, ERIC, US
[72] JANKOVIC, VLADIMIR, US
[71] CELULARITY, INC., US
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[30] US (62/242,246) 2015-10-15
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[54] **COMBINATION THERAPY FOR TREATING MALIGNANCIES**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE MALIGNITES**
[72] AGRESTA, SAMUEL V., US
[71] AGIOS PHARMACEUTICALS, INC., US
[85] 2018-04-13
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[30] US (62/242,267) 2015-10-15
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[25] EN
[54] **COMBINATION THERAPY FOR TREATING MALIGNANCIES**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE TUMEURS MALIGNES**
[72] AGRESTA, SAMUEL V., US
[72] VISWANADHAN, KRISHNAN, US
[72] DIMARTINO, JORGE, US
[72] CHOPRA, VIVEK SAROJ KUMAR, US
[72] MACBETH, KYLE J., US
[72] KNIGHT, ROBERT DOUGLAS, US
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[72] XU, QIANG, US
[71] AGIOS PHARMACEUTICALS, INC., US
[71] CELGENE CORPORATION, US
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[25] EN
[54] **PHARMACEUTICAL COMBINATION OF AN ATYPICAL ANTIPSYCHOTIC AND AN NMDA MODULATOR FOR THE TREATMENT OF SCHIZOPHRENIA, BIPOLAR DISORDER, COGNITIVE IMPAIRMENT AND MAJOR DEPRESSIVE DISORDER**
[54] **COMBINAISON PHARMACEUTIQUE D'UN ANTIPSYCHOTIQUE ATYPIQUE ET D'UN MODULATEUR DE NMDA POUR LE TRAITEMENT DE LA SCHIZOPHRENIE, D'UN TROUBLE BIPOLAIRE, D'UN TROUBLE COGNITIF ET D'UN TROUBLE DEPRESSIF MAJEUR**
[72] MOSKAL, JOSEPH R., US
[72] MELTZER, HERBERT, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2018-04-13
[86] 2016-10-14 (PCT/US2016/057071)
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[54] **NETWORK-BASED CONTROL FOR THE RELAYING OF DEVICE-TO-DEVICE DISCOVERY MESSAGES**
[54] **COMMANDE BASEE SUR UN RESEAU ET DESTINEE AU RELAIS DE MESSAGES DE DECOUVERTE DE DISPOSITIF A DISPOSITIF**
[72] HAMPEL, KARL GEORG, US
[72] LI, JUNYI, US
[72] PARK, VINCENT DOUGLAS, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-04-13
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[30] US (14/948,882) 2015-11-23

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[71] SASOL (USA) CORPORATION, US
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[72] DAMAK, MAHER, US
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[54] **SYSTEMES ET PROCEDES DE GESTION DE TUBES**
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[54] **PROCEDES DE DETECTION DE LA DIMENSION D'UN ACIDE NUCLEIQUE DE SEQUENCES DE REPETITION**
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES AUTO-IMMUNES ET DE CANCERS**
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[72] CABRERA, ESTEBAN, JR., US
[72] DATTARAY, BASAB, US
[72] DRAEGER, RIAN, US
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[72] MENSINGER, MICHAEL ROBERT, US
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[54] **COMPOSES INTERAGISSANT AVEC LE GLYCANE ET METHODES D'UTILISATION**
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[72] PRENDERGAST, JILLIAN M., US
[72] BEHRENS, JEFFREY, US
[72] LUGOVSKOY, ALEXEY ALEXANDROVICH, US
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[72] BOOCK, ROBERT J., US
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[72] POMERENKE, KEITH, US
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[54] **PROCEDES DE FRACTURATION HYDRAULIQUE**
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[72] OROZCO, DANIEL, CA
[72] SELVAN, KARTHIKEYAN, CA
[72] QURESHI, FAISAL, CA
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[54] **PROCEDE POUR LIMITER LA PRESSION D'INJECTION D'UN INSTRUMENT MEDICAL POUR INJECTER UN FLUIDE**
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[72] CHOQUET, OLIVIER, FR
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[54] **RENVOI ET SUIVI DE CONTENANTS DE SUBSTANCE NARCOTIQUE OU CONTROLEE USAGES DE MACHINES AUTOMATISEES DE DISTRIBUTION DE MEDICAMENTS**
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[54] **LAME ACTIONNABLE PAR ROTATION, DESTINEE EN PARTICULIER A DES MACHINES DE DECOUPE INDUSTRIELLE AUTOMATISEE**
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[54] **PROCEDES ASSOCIES A UNE BASE DE DONNEES CONSERVANT UNE PLURALITE DE GENOMES DE REFERENCE**
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[54] **SYSTEMES ET PROCEDES DE TRANSMISSION DE DONNEES SPECIFIQUES A UN UTILISATEUR, AVEC PROTECTION DES DONNEES AMELIOREE**
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[72] SCHNEIDER, ALEXANDER, DE
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[54] **AQUEOUS BASECOAT MATERIALS COMPRISING CROSSLINKED POLYURETHANE BINDERS AND A SPECIFIC SOLVENT COMPOSITION**
[54] **PEINTURE DE BASE AQUEUSE CONTENANT DES LIANTS A BASE DE POLYURETHANE RETICULES ET COMPOSITION DE SOLVANT SPECIALE**
[72] STEINMETZ, BERNHARD, DE
[72] JANKOWSKI, PEGGY, DE
[72] LUHMANN, NADIA, DE
[72] MATURA, MICHAEL, DE
[72] REUTER, HARDY, DE
[71] BASF COATINGS GMBH, DE
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[54] **METHODS FOR MODULATING PRODUCTION PROFILES OF RECOMBINANT PROTEINS**
[54] **PROCEDES DE MODULATION DE PROFILS DE PRODUCTION DE PROTEINES RECOMBINEES**
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[72] JORDAN, MARTIN, CH
[71] ARES TRADING S.A., CH
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[54] **ARTICLE NETTOYANT POURVU D'UN MATERIAU DE BASE ABSORBANT**
[72] MANGOLD, RAINER, DE
[72] ROEMPP, ANGELA, DE
[72] ARKHIPOVA, MARIA, DE
[71] CMC CONSUMER MEDICAL CARE GMBH, DE
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[54] **AIR CLEANING DEVICE AND APPARATUS**
[54] **DISPOSITIF ET APPAREIL DE NETTOYAGE D'AIR**
[72] GRIFFITHS, GEORGE, GB
[72] GAY, GEOFFREY NORMAN WALTER, GB
[72] GASKELL, MARK, GB
[71] DARWIN TECHNOLOGY INTERNATIONAL LIMITED, GB
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[54] **BIOCIDES NATURELS A LARGE SPECTRE**
[72] GONZALEZ COLOMA, AZUCENA, ES
[72] ANDRES YEVES, MARIA FE, ES
[72] DIAZ HERNANDEZ, CARMEN ELISA, ES
[72] REINA ARTILES, MATIAS, ES
[72] LACRET PIMIENTA, RODNEY, ES
[72] CABRERA PEREZ, RAIMUNDO, ES
[72] GIMENEZ MARINO, CRISTINA, ES
[72] KAUSHIK, NUTAN, IN
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[71] UNIVERSIDAD DE LA LAGUNA, ES
[71] THE ENERGY AND RESOURCES INSTITUTE (TERI), IN
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[54] **BOITIER OU COUVERCLE POUR EQUIPEMENT DE LOISIRS**
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[72] TITLEY, MICHAEL, GB
[71] PAUA TRADING LIMITED, GB
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[72] GROENDAHL, CHRISTIAN, GB
[72] FUNNELL, TIM, GB
[72] HOLLOWOOD, CHRIS, GB
[71] SYNCONA INVESTMENT MANAGEMENT LIMITED, GB
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[54] **DEVICE FOR BREAKING GLASS**
[54] **DISPOSITIF POUR CASSER DU VERRE**
[72] WEBB, IAN, GB
[72] ANCKETILL, PETER, GB
[71] GLASSBUSTERS LIMITED, GB
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[54] **MULTIPOLAR CONNECTOR**
[54] **CONNECTEUR MULTIPOLAIRE**
[72] STORIONE, SAVINO, CH
[72] CONVERT, NICOLAS, CH
[72] BUCHILLY, JEAN-MARIE, CH
[71] FISCHER CONNECTORS HOLDING S.A., CH
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[54] **DEBITMETRE A TEMPS DE PARCOURS ACOUSTIQUE AVEC FORMATION DE FAISCEAU AMELIOREE**
[72] HIES, THOMAS WERNER, SG
[72] SKRIPALLE, JUERGEN HEINZ-FRIEDRICH, DE
[72] LUONG, TRUNG DUNG, SG
[72] OHL, CLAUS-DIETER, SG
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[54] **DEVICE AND METHOD FOR PEELING BEANS**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE PELER DES GRAINES**
[72] ALUKO, OLANREWAJU, NG
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[54] **COMPOSITIONS DE PHYLLOSILICATE ET LEURS UTILISATIONS POUR LA REGENERATION DE CELLULES CUTANEES**
[72] BOURGETEAU, VINCENT, FR
[72] FORDIANI, FABRIZIO, FR
[71] EPHYLA SAS, FR
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[54] **APPAREIL DE SUPPORT ET SES COMPOSANTS**
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[72] WYATT, GARY DONALD, AU
[71] 2ELMS PTE. LTD., SG
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[54] **FERMENTEUR AMELIORE**
[72] MARIN, FRANCESCO, IT
[71] CASTLE COMMERCIAL ENTERPRISES LIMITED, IE
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[54] **DISTRIBUTEURS DE FORME DE DOSAGE BASES SUR LA RECONNAISSANCE D'IMAGE**
[72] PAZ, ILAN, IL
[71] DOSENTRX LTD., IL
[85] 2018-04-16
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[54] **UNITE D'ENTRAINEMENT POUR VEHICULES A SELLE**
[72] KOBAYASHI, MAKOTO, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
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[54] **UTILISATION DE METHYLNALTREXONE POUR ATTENUER UNE PROGRESSION DE TUMEUR**
[72] MOSS, JONATHAN, US
[72] JOHNSON, LORIN K., US
[71] SALIX PHARMACEUTICALS, INC., US
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2018-04-16
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[54] **FOOD CONTAINER AND METHOD FOR MANUFACTURING SAME**
[54] **RECIPIENT D'ALIMENT ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] HAYAKAWA, YUUKI, JP
[72] DATE, NORIAKI, JP
[72] IWASAKI, YOSHIHISA, JP
[71] ARONKASEI CO., LTD., JP
[71] IWASAKI INDUSTRY INC., JP
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[54] **MANURE REMOVAL VEHICLE FOR REMOVING MANURE FROM AN ANIMAL SHED FLOOR**
[54] **VEHICULE DE RETRAIT DE FUMIER POUR RETIRER LE FUMIER D'UN PLANCHER D'ABRI POUR ANIMAL**
[72] VAN DEN BEUKEL, HUIBRECHT JOHANNES ARJEN, NL
[72] OZCAN, GOKHAN KEMAL, NL
[71] LELY PATENT N.V., NL
[85] 2018-04-16
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[72] EVANS, LAUREN, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **METHOD AND APPARATUS FOR RETAINING COMPONENTS IN A DOWNHOLE MOTOR**
[54] **PROCEDE ET APPAREIL POUR RETENIR DES COMPOSANTS DANS UN MOTEUR EN PROFONDEUR DE FORAGE**
[72] GHARIB, HOSSAM, CA
[72] SAVAGE, JOHN KEITH, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ANTAGONISTES D'EP4**
[72] ZHENG, WANJUN, US
[72] ZHU, XIAOJIE, US
[72] DU, HONG, US
[72] POSTEMA, MAARTEN, US
[72] JIANG, YIMIN, US
[72] LI, JING, US
[72] YU, ROBERT, US
[72] CHOI, HYEONG-WOOK, US
[72] LEE, JAEMOON, US
[72] FANG, FRANK, US
[72] CUSTAR, DANIEL, US
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[72] MILLER, PAVEL T., US
[71] HALKEY-ROBERTS CORPORATION, US
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[54] **DEGRADABLE, FRANGIBLE COMPONENTS OF DOWNHOLE TOOLS**
[54] **COMPOSANTS CASSABLES, DEGRADABLES D'OUTILS DE FOND**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] MERRON, MATTHEW JAMES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SYSTEMS, MEDIA, METHODS, AND APPARATUS FOR ENHANCED DIGITAL MICROSCOPY**
[54] **SYSTEMES, SUPPORTS, PROCEDES ET APPAREIL PERMETTANT D'AMELIORER LA MICROSCOPIE NUMERIQUE**
[72] CASAS, VICTOR, US
[71] MIKROSCAN TECHNOLOGIES, INC., US
[85] 2018-04-16
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[54] **POWER GENERATION SYSTEMS, AND RELATED METHODS, COMPONENTS AND CONTROL SYSTEMS**
[54] **SYSTEMES DE PRODUCTION D'ENERGIE ET PROCEDES ASSOCIES, COMPOSANTS ET SYSTEMES DE COMMANDE**
[72] BARG, LORI, US
[72] CHERTOK, ALLAN, US
[71] COMMUNITY HYDRO, LLC, US
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[86] 2016-10-24 (PCT/US2016/058530)
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[54] **WELLSITE CASING WITH INTEGRATED COUPLING AND METHOD OF MAKING SAME**
[54] **TUBAGE D'EMPLACEMENT DE FORAGE A COUPLAGE INTEGRE ET SON PROCEDE DE FABRICATION**
[72] MOURRE, DARREN EDWARD, US
[72] AUNG, THEIN H., US
[72] MOORE, R. THOMAS, US
[72] LANE, MICHAEL RAY, US
[71] RDT, INC., US
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[54] **PROMOTEUR VEGETAL POUR L'EXPRESSION D'UN TRANSGENE**
[72] DAVIES, JOHN, US
[72] MANN, DAVID, US
[72] CONNELL, JAMES PATRICK, US
[72] BEESON, WILLIAM, IV, US
[71] DOW AGROSCIENCES LLC, US
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[54] **APPAREIL DE MENOTTES**
[72] KOVAC, KRESIMIR, US
[71] CREATIVE LAW ENFORCEMENT RESOURCES, INC., US
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[54] **COMPOSITIONS D'ELECTROLYTE NON AQUEUX COMPRENANT UN SOLVANT FLUORE ET UNE 2-FURANONE**
[72] BURKHARDT, STEPHEN E., US
[72] MANZO, STEPHEN, US
[71] SOLVAY SA, BE
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[54] **TRAITEMENT INTRAVASCULAIRE D'OCCLUSION VASCULAIRE ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] MARCHAND, PHIL, US
[72] THRESS, JOHN C., US
[72] LOUW, JACOB F., US
[72] COX, BRIAN J., US
[72] QUICK, RICHARD, US
[71] INARI MEDICAL, INC., US
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[54] **RELEVE A L'AIDE D'UN NAVIRE DE SURFACE MARINE SANS PILOTE**
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[72] PAI, SUDHIR, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **PRODUCTION DE CELLULES PRECURSEURS HEMATOPOIETIQUES A LIGNEES MULTIPLES PAR PROGRAMMATION GENETIQUE**
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[72] VODYANYK, MAKSYM A., US
[72] SASAKI, JEFFREY, US
[72] RAJESH, DEEPIKA, US
[72] BURTON, SARAH A., US
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[54] **PROCEDES DE DIFFERENCIATION DIRIGEE DE CELLULES SOUCHES PLURIPOTENTES EN CELLULES IMMUNES**
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[72] BRANDL, ANDREW J., US
[72] RAJESH, DEEPIKA, US
[72] SWANSON, BRADLEY, US
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[54] **APPAREIL DE BRUMISATION/DE CONDENSATION DOTE D'UNE SOUFFLANTE A FAIBLE CFM ET CHAMBRE DE MELANGE POUR BROUILLARD ATOMISE A VOLUME ULTRA-FAIBLE**
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[72] VALLERAND, JOHN, US
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[54] **PROCEDES DE PRODUCTION DE CELLULES EPITHELIALES SENSORIELLES ET DE NEURONES SENSORIELS DE L'OREILLE INTERNE CHEZ L'HOMME**
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[54] **POLYROTAXANES PORTANT DES ESPECES CYCLODEXTRINE MIXTES ET LEURS UTILISATIONS**
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[72] HYUN, SEOK-HEE, US
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[54] **CIRCULATEUR D'IMMERSION THERMIQUE**
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[72] FEIFEL, MARC IAN, US
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[72] COOK, PATRICK, US
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[54] **HUILE AROMATIQUE A FAIBLE TENEUR EN COMPOSES ORGANIQUES VOLATILS (COV) ET FAIBLE ODEUR**
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **PROCEDE ET SYSTEMES POUR ASSURER LA LIVRAISON SECURISEE DE COLIS A L'AIDE D'UN RECEPTACLE DE STOCKAGE COMPATIBLE INTERNET**
[72] CATERINO, MARK, US
[72] KRAUS, KEVIN, US
[72] LOVEJOY, GARRETT, US
[72] WILLIAMS, JASON, US
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[72] NEAU, XAVIER, US
[72] WHITE, TIMOTHY, US
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[54] **INSTRUMENT OPHTALMIQUE DE PETIT GABARIT ET PROCEDE**
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[54] **APPAREIL ET PROCEDES D'ANCRAGE DISTAL POUR REPARATION DE VALVULE MITRALE**
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[72] EPSTEIN, STEPHEN, US
[72] BOYD, PETER, US
[72] GAMMIE, JAMES, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
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[54] **COMPOSITES DE POLYMERE SOL-GEL ET UTILISATION DE CES DERNIERS**
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[72] BAILLE, WILMS, CA
[72] KUJAWA, PIOTR, CA
[72] ZOOK, CHRISTOPHER A., US
[72] QUESNELL, REBECCA R., US
[72] HUCZEK, DENNIS L., US
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[54] **PROCEDE DE PREPARATION DE (3S,4R)-3-ETHYL-4-(3H-IMIDAZO[1,2-A]PYRROLO[2,3-E]-PYRAZIN-8-YL)-N-(2,2,2-TRIFLUOROETHYL)PYRROLIDINE-1-CARBOXAMIDE ET DE SES FORMES A L'ETAT SOLIDE**
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[54] **COMPOSITION FILMOGENE DENTAIRE DURABLE ET SES UTILISATIONS**
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[54] **METHODES POUR TRAITER LA SCLEROSE EN PLAQUES AU MOYEN DE COMPOSES PYRIMIDINE ET PYRIDINE A ACTIVITE INHIBITRICE DE BTK**
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[54] **PROCEDES ET SYSTEMES POUR UNE CREATION, UNE VERIFICATION ET UNE GESTION D'IDENTITE**
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[54] **UTILISATION DE REACTEURS DE FILM DE FIBRE POUR EFFECTUER LA SEPARATION ET LA REACTION ENTRE DEUX COMPOSANTS DE REACTION NON MISCIBLES**
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[54] **SUBMERGED COMBUSTION MELTERS, WALL STRUCTURES OR PANELS OF SAME, AND METHODS OF USING SAME**
[54] **FONDEUSES A COMBUSTION SUBMERGEES, STRUCTURES OU PANNEAUX DE PAROI ASSOCIES ET METHODES D'UTILISATION ASSOCIEES**
[72] FAULKINBURY, ALBERT PATRICK, US
[71] JOHNS MANVILLE, US
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[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
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[54] **SYSTEMES DE VERROUILLAGE DE SUPPORT**
[72] BAXENDELL, DOUG JOHN, US
[72] FRASURE, DAVID WILLIAM, US
[71] KIDDE TECHNOLOGIES, INC., US
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[54] **CONNECTEUR ET SECTIONS DE FILTRE PLISSEES JOINTES**
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[71] BHA ALTAIR, LLC, US
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[54] **MATERIAU DE SUPPORT AMOVIBLE DESTINE A LA FABRICATION ADDITIVE**
[72] CHOPRA, NAVEEN, CA
[72] BAKHSHAEI, BAHARAK, CA
[72] BRETON, MARCEL P., CA
[72] SISLER, GORDON, CA
[72] MOORLAG, CAROLYN, CA
[72] JIDDAWI, SALEH, CA
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[72] ALLEN, C. GEOFFREY, CA
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[72] MCCONNELL, THOMAS E., US
[72] WANG, QIANQIAN, CN
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[54] **FIRE FIGHTING APPARATUS AND METHOD**
[54] **APPAREIL DE LUTTE CONTRE L'INCENDIE ET METHODE**
[72] KILBURN, ROBERT SHANE, US
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[54] **CAPSULE DOSETTE DESTINEE A UNE MACHINE A CAFE ET METHODE DE PRODUCTION SSOCIEE**
[72] DEUBER, LOUIS, CH
[71] QBO COFFEE GMBH, CH
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[54] **ABSORBENT ARTICLES WITH CHANNELS AND SIGNALS**
[54] **ARTICLES ABSORBANTS AYANT DES CANAUX ET DES SIGNAUX**
[72] ROSATI, RODRIGO, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[72] JACKELS, HANS ADOLF, DE
[72] ARIZTI, BIANCA, DE
[72] BIANCHI, ERNESTO, DE
[72] ROE, DONALD, US
[72] BROWN, DARRELL IAN, US
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COLLIER D'IMMOBILISATION CERVICALE COMPORTANT DES ELEMENTS DE REFROIDISSEMENT ARTERIEL ET SES PROCEDES D'UTILISATION**
[72] SANDHU, AGEEL A., US
[72] RAYBUCK, SCOTT, US
[72] SEITZ, BRIAN J., US
[71] CRYOTERMIC SYSTEMS, INC., US
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[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER ET D'EVALUER UNE HYPEREMIE REACTIONNELLE, GRACE A LA PLETHYSMOGRAPHIE SEGMENTAIRE**
[72] WHITT, MICHAEL DAVID, US
[72] MAGLIATO, KATHY ELIZABETH, US
[72] RITTERBUSH, STEPHEN, US
[71] CORDEX SYSTEMS, INC., US
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[54] **APPAREIL PULVERISATEUR DESTINE A LA PELOUSE ET AU JARDIN**
[72] MITCHELL, GEORGE A., US
[72] RESTIVE, MARIO J., US
[72] ABERNETHY, TODD, US
[72] CLAREY, ANDREW, US
[72] VAUGHN, JOHN, US
[71] THE FOUNTAINHEAD GROUP, INC., US
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[54] **BONE FUSION DEVICE**
[54] **DISPOSITIF DE FUSION OSSEUSE**
[72] MCLUEN, GARY R., US
[72] REMINGTON, BENJAMIN J., US
[72] BAKER, DANIEL R., US
[72] LOGAN, JOSEPH N., US
[72] STALCUP, GREGORY C., US
[71] NEUROPRO TECHNOLOGIES, INC., US
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[54] **ELEMENTS REGULATEURS DES PLANTES ET LEURS UTILISATIONS**
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[72] FOAT, BARRETT C., US
[72] SHULTZ, RANDALL W., US
[72] WU, WEI, US
[72] OUFATTOLE, MOHAMMED, US
[72] WEI, XIAOPING, US
[72] YANG, SHIAW-PYNG, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **PROCEDE DE CROISSANCE ET RECOLTE EFFICACES ET CONTINUES DE PHYTOPLANCTON RICHE EN NUTRIMENTS ET SES PROCEDES D'UTILISATION**
[72] HARPER, MARGARET, CA
[72] RAMIREZ, ARTURO, CA
[71] CANADIAN PACIFIC ALGAE INC., CA
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[72] FOAT, BARRETT C., US
[72] OUFATTOLE, MOHAMMED, US
[72] SHULTZ, RANDALL W., US
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[54] **PROCEDES UTILISANT DES ANTIBIOTIQUES DE REMPLACEMENT DANS FABRICATION DE BIOETHANOL**
[72] WIATR, CHRISTOPHER L., US
[72] CORCORAN, MICHAEL L., US
[72] MCNEEL, THOMAS E., US
[72] CLARK, RICHARD A., US
[72] PORTO, RITA DE CASSIA BORTOTO, US
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[54] **DISPOSITIF PERMETTANT DE REGULER LA CIRCULATION SANGUINE**
[72] KALMANN, MENNO, NL
[72] HINCHLIFFE, PETER W.J., US
[72] LEHMAN, ADAM I., US
[71] DEEP VEIN MEDICAL, INC., US
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[54] **VARIANTS OF ACTIVIN IIB RECEPTOR POLYPEPTIDES AND USES THEREOF**
[54] **VARIANTES DES POLYPEPTIDES DU RECEPTEUR IIB DE L'ACTIVINE ET LEURS UTILISATIONS**
[72] BOONE, THOMAS C., US
[72] DESHPANDE, ROHINI, US
[72] HAN, HQ, US
[72] LI, YUE-SHENG, US
[72] MICHAELS, MARK LEO, US
[72] SUN, JEONGHOON, US
[72] TAM, LEI-TING TONY, US
[71] AMGEN INC., US
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[54] **DEVICES, SYSTEMS AND METHODS TO TREAT HEART FAILURE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR TRAITER UNE INSUFFISANCE CARDIAQUE**
[72] MCNAMARA, EDWARD, US
[72] CELERMAJER, DAVID, US
[72] FORCUCCI, STEPHEN, US
[72] SUGIMOTO, HIROATSU, US
[71] CORVIA MEDICAL, INC., US
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[54] **PARTICULES DE CARBONATE DE CALCIUM HYDROPHOBE**
[72] GANTENBEIN, DANIEL, NO
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
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[54] **INTEGRATED HEART VALVE DELIVERY SYSTEM**
[54] **SYSTEME INTEGRE DE TRANSPORT DE VALVULE CARDIAQUE**
[72] MARCHAND, PHILIPPE, US
[72] TAYLOR, DAVID M., US
[72] MILICH, ROBERT, JR., US
[72] EVANS, DAVID J., US
[72] CHIA, CHRISTOPHER, US
[72] CAYABYAB, RONALDO C., US
[72] BOWES, ROBERT ROYAL, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[25] EN
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[54] **TECHNIQUES IN VITRO DESTINEES A UNE UTILISATION AVEC DES CELLULES SOUCHES**
[72] FULGA, VALENTIN, IL
[72] PORAT, YAEL, IL
[72] BELKIN, DANNY, IL
[72] SHIMONI-ZALK, DAPHNA, IL
[72] POROZOV, SVETLANA, IL
[71] KWALATA TRADING LIMITED, CY
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[54] **ANTICORPS ANTI-PD-1, PD-L1, ET PD-L2 HUMAINS ET LEURS UTILISATIONS**
[72] FREEMAN, GORDON J., US
[72] AHMED, RAFI, US
[72] JONES, TIMOTHY D., GB
[72] CARR, FRANCIS J., GB
[72] GREGSON, JAMES P., GB
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] EMORY UNIVERSITY, US
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[54] **METHODS AND MEANS RELATED TO CANCER STEM CELLS**
[54] **PROCEDES ET MOYENS LIES AUX CELLULES SOUCHES CANCEREUSES**
[72] KONDO, TORU, GB
[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD., GB
[22] 2005-11-12
[41] 2006-05-18
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[25] EN
[54] **PRESSURIZATION OF LEAN ZONES WITH NCG INJECTION**
[54] **DESHYDRATATION DE ZONES PAUVRES PAR INJECTION DE GNC DANS LES PUITS DE PRODUCTION ET DESHYDRATATION DE ZONES PAUVRES PAR INJECTION DE GNC DANS LES PUITS DE PRODUCTION ET D'INJECTION**
[72] SHEIKHA, HUSSAIN, CA
[72] PARMAR, GOVINDER SINGH, CA
[72] AGHABARATI, HOSSEIN, CA
[72] MACDONALD, HEATHER LYNN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-08-04
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[51] **Int.Cl. A61M 1/00 (2006.01) A61F 2/04 (2013.01) A61M 27/00 (2006.01) A61M 39/08 (2006.01)**
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[54] **AN IMPLANTABLE DRAINAGE DEVICE**
[54] **DISPOSITIF DE DRAINAGE IMPLANTABLE**
[72] FORSELL, PETER, CH
[71] IMPLANTICA PATENT LTD., MT
[22] 2009-01-28
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[62] 2,749,759
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[25] EN
[54] **ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES, AND METHODS OF USING SAME FOR INCREASING PLANT YIELD AND/OR AGRICULTURAL CHARACTERISTICS**
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES ISOLES, ET PROCEDES D'UTILISATION DE CEUX-CI POUR AUGMENTER UN RENDEMENT VEGETAL ET/OU DES CARACTERISTIQUES AGRICOLES**
[72] EMMANUEL, EYAL, IL
[72] DIBER, ALEX, IL
[72] POLLOCK, SARAH RACHEL, IL
[72] KARCHI, HAGAI, IL
[71] EVOGENE LTD., IL
[22] 2010-03-01
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[54] **MICRODERMABRASION SYSTEM WITH COMBINATION SKIN THERAPIES**
[54] **SYSTEME DE MICRODERMABRASION AVEC THERAPIES CUTANEES DE COMBINAISON**
[72] BOONE, BRENDON N., US
[72] HANTASH, BASIL M., US
[72] KARASIUK, KENNETH B., US
[71] ENVY MEDICAL, INC., US
[22] 2009-08-24
[41] 2010-02-25
[62] 2,734,610
[30] US (12/197,065) 2008-08-22

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[51] **Int.Cl. B60P 1/43 (2006.01) B65G 69/28 (2006.01)**
[25] EN
[54] **TRAILER WITH AUTOMATED TRAILER RAMP**
[54] **REMORQUE AYANT RAMPE DE REMORQUE AUTOMATIQUE**
[72] FRIESEN, FRANK, US
[72] FROESE, HENRY, US
[72] BARNES, AARON NEIL, US
[71] PJ TRAILERS, INC., US
[22] 2014-03-14
[41] 2014-09-25
[62] 2,906,791
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[51] **Int.Cl. C08G 65/333 (2006.01) A61K 9/00 (2006.01) A61K 47/10 (2017.01) A61P 35/00 (2006.01)**
[25] EN
[54] **DERIVATIZED HYPERBRANCHED POLYGLYCEROLS**
[54] **POLYGLYCEROLS HYPER-RAMIFIES SUBSTITUES**
[72] BURT, HELEN, CA
[72] BROOKS, DONALD, CA
[72] KIZHAKKEDATHU, JAYACHANDRAN, CA
[72] LIGGINS, RICHARD, CA
[72] GUAN, DECHI, CA
[72] YE, LU, CA
[72] MUGABE, CLEMENT, CA
[72] SO, ALAN, CA
[72] GLEAVE, MARTIN, CA
[72] JACKSON, JOHN K., CA
[72] KAINTHAN, RAJESH KUMAR, US
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[71] CENTRE FOR DRUG RESEARCH AND DEVELOPMENT, CA
[22] 2011-03-01
[41] 2011-09-09
[62] 2,791,416
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[25] EN
[54] **CONTINUOUS CASTING PROCESS OF METAL**
[54] **PROCESSUS DE COULEE CONTINUE DE METAL**
[72] BRANDT, MATHIEU, BE
[72] FISCHBACH, JEAN-PAUL, BE
[72] NAVEAU, PAUL, BE
[71] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[22] 2012-03-28
[41] 2013-10-03
[62] 2,868,147

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[51] **Int.Cl. B28D 1/08 (2006.01) B23D 57/02 (2006.01)**
[25] EN
[54] **WALL SAW AND INTERCHANGEABLE ASSEMBLIES FOR WALL SAWS**
[54] **SCIE MURALE ET ENSEMBLES INTERCHANGEABLES POUR SCIES MURALES**
[72] BARATTA, ANTHONY, US
[72] JONSSON, ANDREAS, SE
[72] ZETTERLIND, PETER, SE
[71] HUSQVARNA AB, SE
[22] 2010-07-21
[41] 2011-02-03
[62] 2,769,321
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[25] EN
[54] **AIR STREAM SELECTOR FOR AN AIR DRILL SEEDING SYSTEM**
[54] **SELECTEUR DE COURANT D'AIR POUR SYSTEME DE SEMIS PNEUMATIQUE**
[72] MEYER, ANDREW THOMAS, CA
[72] HIGGINS, ROBERT JOHN, CA
[72] PRIDMORE, JEFFREY CAMERON, CA
[72] VARJASSY, JUSTIN CHARLES, CA
[71] ONE PASS IMPLEMENTS INC., CA
[22] 2013-09-26
[41] 2014-04-03
[62] 2,886,889
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[25] EN
[54] **AIR STREAM SELECTOR FOR AN AIR DRILL SEEDING SYSTEM**
[54] **SELECTEUR DE COURANT D'AIR POUR SYSTEME DE SEMIS PNEUMATIQUE**
[72] MEYER, ANDREW THOMAS, CA
[72] HIGGINS, ROBERT JOHN, CA
[72] PRIDMORE, JEFFREY CAMERON, CA
[72] VARJASSY, JUSTIN CHARLES, CA
[71] ONE PASS IMPLEMENTS INC., CA
[22] 2013-09-26
[41] 2014-04-03
[62] 2,886,889
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[54] **PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, METHODS OF MAKING PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, METHODS OF USING PHOTOCHEMICAL CROSS-LINKABLE POLYMERS, AND METHODS OF MAKING ARTICLES CONTAINING PHOTOCHEMICAL CROSS-LINKABLE POLYMERS**
[54] **POLYMERES PHOTOCHIMIQUES RETICULABLES, METHODES DE PRODUCTION DE POLYMERES PHOTOCHIMIQUES RETICULABLES, METHODES D'UTILISATIONS DE POLYMERES PHOTOCHIMIQUES RETICULABLES ET METHODES DE FRABRICATION D'ARTICLES RETICULABLES ET METHODES DE FABRICATION D'ARTICLES RENFERMANTDES POLYMERES PHOTOCHIMIQUES RETICULABLES**
[72] LOCKLIN, JASON J., US
[72] DHENDE, VIKRAM, US
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
[22] 2011-04-28
[41] 2011-11-10
[62] 2,797,709
[30] US (61/328879) 2010-04-28
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[51] **Int.Cl. A61F 2/95 (2013.01) A61F 2/962 (2013.01)**
[25] EN
[54] **DELIVERY OF MEDICAL DEVICES**
[54] **POSE DE DISPOSITIFS MEDICAUX**
[72] LOSORDO, MICHAEL, US
[72] SKUJINS, PETER, US
[72] JOHNSON, GARRETT, US
[71] COVIDIEN LP, US
[22] 2014-08-08
[41] 2015-03-05
[62] 2,922,305
[30] US (61/870,755) 2013-08-27
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[25] EN
[54] **TRACKED VEHICLE**
[54] **VEHICULE A CHENILLES**
[72] STEBEN, ERIC, CA
[72] MARLEAU, BENOIT, CA
[71] PRINOTH LTD., CA
[22] 2012-08-30
[41] 2013-03-07
[62] 2,846,662
[30] US (61/529,639) 2011-08-31
[30] US (61/542,551) 2011-10-03

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[51] **Int.Cl. H04L 9/32 (2006.01)**
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[54] **AUTHENTICATION DEVICE, AUTHENTICATION METHOD, AND PROGRAM**
[54] **DISPOSITIF D'AUTHENTIFICATION, PROCEDE D'AUTHENTIFICATION ET PROGRAMME**
[72] SAKUMOTO, KOICHI, JP
[72] HIWATARI, HARUNAGA, JP
[72] SHIRAI, TAIZO, JP
[71] SONY CORPORATION, JP
[22] 2011-07-12
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[62] 2,804,394
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[25] EN
[54] **SYSTEM AND METHOD FOR COLLECTING MEDICAL WASTE THAT PROVIDES BOTH VISUAL AND AUDIBLE ALARMS WHEN AN OBJECT MAY HAVE BEEN INADVERTENTLY DISCARDED**
[54] **SYSTEME ET METHODE DE COLLECTE DE DECHETS MEDICAUX QUI FOURNIT DES ALERTES TANT VISUELLE QU'AUDITIVE LORSQU'UN OBJET A ETE MIS DE COTE PAR INADVERTANCE**
[72] HENNIGES, BRUCE D., US
[72] HUYSER, RICHARD F., US
[72] TYLER, DOUGLAS L., SR., US
[72] CULP, JERRY S., US
[72] PHILIPP, CHRIS, US
[72] MALACKOWSKI, DONALD W., US
[72] WALEN, JAMES G., US
[72] STRATTON, DENNIS A., US
[72] WELCH, PAUL A., US
[72] CARUSILLO, STEVEN J., US
[72] GOLDENBERG, DAVID S., US
[71] STRYKER CORPORATION, US
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[25] EN
[54] **SHARING TELEVISION AND VIDEO PROGRAMMING THROUGH SOCIAL NETWORKING**
[54] **PARTAGE D'UNE PROGRAMMATION DE TELEVISION ET DE VIDEO PAR L'INTERMEDIAIRE D'UN RESEAUTAGE SOCIAL**
[72] MARLOW, CAMERON ALEXANDER, US
[72] GARCIA, DAVID HARRY, US
[72] TSENG, ERICK, US
[72] KRAUSZ, BRIAN, US
[71] FACEBOOK, INC., US
[22] 2013-08-30
[41] 2014-03-06
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[25] EN
[54] **MEDICATION VERIFICATION AND DISPENSING**
[54] **DISPOSITIF D'AUTHENTIFICATION, PROCEDE D'AUTHENTIFICATION ET PROGRAMME**
[72] JACOBS, ALAN JEFFREY, US
[72] GERSHTEIN, EUGENE, US
[71] PERCEPTIMED, INC., US
[22] 2011-03-08
[41] 2011-09-15
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[51] **Int.Cl. H01L 23/50 (2006.01) H01L 21/44 (2006.01) H01M 2/00 (2006.01) A61B 5/00 (2006.01) A61M 37/00 (2006.01) A61N 1/32 (2006.01)**
[25] EN
[54] **IN-BODY POWER SOURCE HAVING HIGH SURFACE AREA ELECTRODE**
[54] **SOURCE D'ENERGIE INTEGREE AU CORPS AYANT UNE ELECTRODE DE ZONE DE SURFACE SUPERIEURE**
[72] HAFEZI, HOOMAN, US
[72] ROBERTSON, TIMOTHY, US
[72] SNYDER, ERIC, US
[72] COZAD, BRAD, US
[71] PROTEUS DIGITAL HEALTH, INC., US
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[25] EN
[54] **METHOD FOR REAL-TIME MONITORING AND TRANSMITTING HYDRAULIC FRACTURE SEISMIC EVENTS TO SURFACE USING THE PILOT HOLE OF THE TREATMENT WELL AS THE MONITORING WELL**
[54] **PROCEDE DE CONTROLE ET DE TRANSMISSION EN TEMPS REEL VERS LA SURFACE D'EVENEMENTS SISMIQUES DANS UNE FRACTURE HYDRAULIQUE PAR L'AVANT-TROU DU PUITS DE TRAITEMENT UTILISE COMME PUITS DE SURVEILLANCE**
[72] BARTKO, KIRK M., SA
[72] BOULDIN, BRETT WAYNE, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[22] 2012-10-09
[41] 2013-04-18
[62] 2,849,825
[30] US (13/269,596) 2011-10-09

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[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/107 (2014.01) H04N 19/176 (2014.01) H04N 19/33 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **MOVING IMAGE ENCODING DEVICE, MOVING IMAGE DECODING DEVICE, MOVING IMAGE CODING METHOD, AND MOVING IMAGE DECODING METHOD**
[54] **APPAREIL DE CODAGE DE VIDEO ANIMEE, APPAREIL DE DECODAGE DE VIDEO ANIMEE, PROCEDE DE CODAGE DE VIDEO ANIMEE ET PROCEDE DE DECODAGE DE VIDEO ANIMEE**
[72] MINEZAWA, AKIRA, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] SUGIMOTO, KAZUO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[22] 2011-07-21
[41] 2012-04-05
[62] 2,812,201
[30] JP (2010-221471) 2010-09-30

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[51] **Int.Cl. B62D 63/08 (2006.01) B60P 7/02 (2006.01)**
[25] EN
[54] **WATERPROOF TOP DOOR FOR TRAILER**
[54] **PORTE SUPERIEURE IMPERMEABLE POUR REMORQUE**
[72] LEES, RICK, CA
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[71] TITAN TRAILERS INC., CA
[22] 2016-06-20
[41] 2016-12-29
[62] 2,986,161
[30] US (62/183,419) 2015-06-23

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[51] **Int.Cl. F16K 31/06 (2006.01) E03C 1/04 (2006.01) F16K 31/66 (2006.01)**
[25] EN
[54] **INTEGRATED SOLENOID VALVE FOR AN ELECTRONIC FAUCET**
[54] **VANNE ELECTROMAGNETIQUE INTEGREE POUR UN ROBINET ELECTRONIQUE**
[72] THOMAS, KURT J., US
[72] BROWN, DEREK A., US
[72] SAWASKI, JOEL D., US
[71] DELTA FAUCET COMPANY, US
[22] 2014-03-14
[41] 2014-09-15
[62] 2,846,174
[30] US (13/837,052) 2013-03-15

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[13] A1
[51] **Int.Cl. A47G 21/16 (2006.01) A47K 10/20 (2006.01)**
[25] EN
[54] **TABLETOP NAPKIN DISPENSER**
[54] **DISTRIBUTEUR DE SERVIETTES DE DESSUS DE TABLE**
[72] WILSON, RODNEY, US
[72] GONZALES, LEO, US
[72] SIEBEL, JUSTIN, US
[71] SCA HYGIENE PRODUCTS AB, SE
[22] 2011-10-31
[41] 2013-05-10
[62] 2,855,907

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[13] A1
[51] **Int.Cl. G01R 31/28 (2006.01) G06Q 30/04 (2012.01) H04W 4/38 (2018.01) G01R 31/319 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF IMPLEMENTING REMOTE BOUNDARY SCAN FEATURES**
[54] **SYSTEMES ET PROCEDES POUR METTRE EN OEUVRE A DISTANCE DES ELEMENTS DE REGISTRE A DECALAGE PERIPHERIQUE**
[72] LA FEVER, GEORGE B., US
[72] YELLIN, CARMY, US
[72] FLAUM, ISER B., US
[72] MUSE, DAVID R., US
[71] ELECTRONIC WARFARE ASSOCIATES, INC., US
[22] 2009-12-18
[41] 2010-07-22
[62] 2,749,799
[30] US (61/144,980) 2009-01-15
[30] US (61/170,339) 2009-04-17

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[13] A1
[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/159 (2014.01) H04N 19/17 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE, PROCEDE DE CODAGE PREDICTIF D'IMAGE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[71] NTT DOCOMO, INC., JP
[22] 2010-03-16
[41] 2010-09-30
[62] 2,921,802
[30] JP (2009-069975) 2009-03-23

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[13] A1
[51] **Int.Cl. H04N 19/119 (2014.01) H04N 19/159 (2014.01) H04N 19/17 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF D'IMAGE, PROCEDE DE CODAGE PREDICTIF D'IMAGE, PROGRAMME DE CODAGE PREDICTIF D'IMAGE, DISPOSITIF DE DECODAGE PREDICTIF D'IMAGE, PROCEDE DE DECODAGE PREDICTIF D'IMAGE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGE**
[72] SUZUKI,, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[71] NTT DOCOMO, INC., JP
[22] 2010-03-16
[41] 2010-09-30
[62] 2,921,802
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[54] **AN INSECT TRAP**
[54] **PIEGE A INSECTES**
[72] WILLCOX, JOHN CADMAN, GB
[72] KAYE, MATTHEW VARGHESE, GB
[71] BRANDENBURG (UK) LIMITED, GB
[22] 2009-04-30
[41] 2009-10-14
[62] 2,914,809
[30] GB (0808534.2) 2008-05-02

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/03 (2006.01) A61F 2/00 (2006.01) A61F 2/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TREATMENT OF INCISION OR HERNIA**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'UNE INCISION OU D'UNE HERNIE**
[72] HARPER, JOHN R., US
[71] LIFECELL CORPORATION, US
[22] 2010-07-01
[41] 2011-01-06
[62] 2,766,390
[30] US (61/222,691) 2009-07-02

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **INTERFACE COMPRISING A ROLLING NASAL BRIDGE PORTION**
[54] **INTERFACE COMPRENANT UNE PARTIE DE PONT NASAL ROULANTE**
[72] OLSEN, GREGORY JAMES, NZ
[72] BEARNE, PETER DAVID ALEXANDER, NZ
[72] EVANS, LEON EDWARD, NZ
[72] STEPHENSON, MATTHEW ROGER, NZ
[72] PRENTICE, CRAIG ROBERT, NZ
[72] IP, BERNARD TSZ LUN, NZ
[72] SPEAR, TONY WILLIAM, NZ
[72] PATEL, ROHEET, NZ
[72] HOWARTH, BRAD MICHAEL, NZ
[72] HARWOOD, JONATHAN DAVID, NZ
[72] MCLAREN, MARK ARVIND, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2012-04-13
[41] 2012-10-18
[62] 2,833,106
[30] US (61/476,188) 2011-04-15
[30] US (61/504,295) 2011-07-04
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[51] **Int.Cl. G09B 9/00 (2006.01)**
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[54] **SIMULATOR FOR SKILL-ORIENTED TRAINING**
[54] **SIMULATEUR POUR UN APPRENTISSAGE EN FONCTION DES COMPETENCES**
[72] WALLACE, MATTHEW, US
[72] ZBORAY, DAVID, US
[72] FUDGE, ALEJO, US
[72] BURKE, BRIAN, US
[72] GROOT, CHRIS, US
[72] ONG, PAUL, US
[72] KENNEDY, SHAWN, US
[72] LENKER, ZACH, US
[72] BIGNONE, FRANK, CN
[72] SOLOMON, LESLIE BROOKS, CN
[71] VRSIM, INC., US
[22] 2013-11-29
[41] 2014-06-05
[62] 2,892,974
[30] US (61/730,824) 2012-11-28
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[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/107 (2014.01) H04N 19/117 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/33 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **IMAGE ENCODING DEVICE, IMAGE DECODING DEVICE, IMAGE ENCODING METHOD, AND IMAGE DECODING METHOD**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DECODAGE D'IMAGE ET PROCEDE DE DECODAGE D'IMAGE**
[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] SEKIGUCHI, SHUNICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[22] 2012-01-06
[41] 2012-07-19
[62] 2,979,455
[30] JP (2011-004038) 2011-01-12

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[13] A1
[51] **Int.Cl. E21B 43/10 (2006.01) E21B 47/13 (2012.01) E21B 23/06 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **TELEMETRY OPERATED SETTING TOOL**
[54] **OUTIL DE REGLAGE ACTIONNE PAR TELEMETRIE**
[72] TURLEY, ROCKY A., US
[72] CAMPBELL, ROBIN L., US
[72] HEIDECKE, KARSTEN, US
[72] GIVENS, GEORGE, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2014-11-03
[41] 2015-05-18
[62] 2,869,261
[30] US (14/082,978) 2013-11-18

[21] **3,001,027**
[13] A1
[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/107 (2014.01) H04N 19/176 (2014.01) H04N 19/33 (2014.01) H04N 19/96 (2014.01)**
[25] EN
[54] **IMAGE DECODING AND ENCODING WITH SELECTABLE EXCLUSION OF FILTERING FOR A BLOCK WITHIN A LARGEST CODING BLOCK**
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[72] MINEZAWA, AKIRA, JP
[72] SUGIMOTO, KAZUO, JP
[72] MIYAZAWA, KAZUYUKI, JP
[72] ITANI, YUSUKE, JP
[72] HATTORI, RYOJI, JP
[72] MORIYA, YOSHIMI, JP
[72] HIWASA, NORIMICHI, JP
[72] SEKIGUCHI, SHUNICHI, JP
[72] MURAKAMI, TOKUMICHI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[22] 2013-01-09
[41] 2013-07-25
[62] 2,961,818
[30] JP (2012-009128) 2012-01-19

[21] **3,001,028**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **RETRACTING SHEATH DETACHABLE SAFETY NEEDLE WITH MOVING SPRING**
[54] **AIGUILLE DE SECURITE AMOVIBLE A GAINE RETRACTABLE COMPORTANT UN RESSORT MOBILE**
[72] WONG, ANDREW, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2013-03-14
[41] 2013-09-19
[62] 2,867,146
[30] US (61/610,623) 2012-03-14
[30] US (13/793,655) 2013-03-11

[21] **3,001,152**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 47/54 (2017.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) G01N 33/483 (2006.01) G01N 33/573 (2006.01)**
[25] EN
[54] **INHIBITORS OF BRUTON'S TYROSINE KINASE**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] HONIGBERG, LEE, US
[72] VERNER, ERIK, US
[72] BUGGY, JOSEPH J., US
[72] LOURY, DAVID, US
[72] CHEN, WEI, US
[71] PHARMACYCLICS LLC, US
[22] 2008-03-27
[41] 2008-10-09
[62] 2,874,756
[30] US (11/692,870) 2007-03-28
[30] US (11/964,285) 2007-12-26
[30] US (61/017,125) 2007-12-27

[21] **3,001,155**
[13] A1
[51] **Int.Cl. B66F 9/22 (2006.01) B66F 17/00 (2006.01)**
[25] EN
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[72] WALTZ, LUCAS B., US
[71] CROWN EQUIPMENT CORPORATION, US
[22] 2012-02-13
[41] 2012-08-23
[62] 2,826,440
[30] US (61/443,302) 2011-02-16
[30] US (61/560,480) 2011-11-16

[21] **3,001,159**
[13] A1
[51] **Int.Cl. B66F 9/22 (2006.01) B66F 9/08 (2006.01) B66F 17/00 (2006.01)**
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[72] HOLBROOK, ERIC D., US
[71] CROWN EQUIPMENT CORPORATION, US
[22] 2012-02-13
[41] 2012-08-23
[62] 2,826,440
[30] US (61/443,302) 2011-02-16
[30] US (61/560,480) 2011-11-16

|21| **3,001,182**
|13| A1
|51| **Int.Cl. A47L 13/24 (2006.01) A47L 13/16 (2006.01)**
|25| EN
|54| **MULTI-PURPOSE CLEANING IMPLEMENT**
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|72| VERBIEST, JAN HENDRIK MARIA, US
|72| PANKRATZ, VIRGINIA, US
|72| HOFTE, PAULUS ANTONIUS AUGUSTINUS, US
|71| THE PROCTER & GAMBLE COMPANY, US
|22| 2004-09-03
|41| 2005-03-17
|62| 2,931,655
|30| US (60/499,852) 2003-09-03
|30| US (60/562,000) 2004-04-13

|21| **3,001,203**
|13| A1
|51| **Int.Cl. B66F 9/22 (2006.01) B66F 17/00 (2006.01)**
|25| EN
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|41| 2012-08-23
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|30| US (61/443,302) 2011-02-16
|30| US (61/560,480) 2011-11-16

|21| **3,001,226**
|13| A1
|51| **Int.Cl. A61K 9/00 (2006.01) A61K 31/337 (2006.01) A61K 31/436 (2006.01)**
|25| EN
|54| **DRUG COATING LAYER**
|54| **COUCHE D'ENROBAGE DE MEDICAMENT**
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|72| GOTOU, HIROSHI, JP
|72| NOZAWA, SHIGENORI, JP
|72| MORIMOTO, KATSUMI, JP
|72| KASUKAWA, HIROAKI, JP
|71| TERUMO KABUSHIKI KAISHA, JP
|22| 2014-04-01
|41| 2014-10-09
|62| 2,908,420
|30| JP (2013-076434) 2013-04-01

|21| **3,001,352**
|13| A1
|51| **Int.Cl. E01H 10/00 (2006.01)**
|25| EN
|54| **SPREADER**
|54| **EPANDEUR**
|72| WENDORFF, TERRY C., US
|72| GAMBLE, ROBERT N., II, US
|71| SNO-WAY INTERNATIONAL, INC., US
|22| 2014-08-27
|41| 2016-01-28
|62| 2,930,273
|30| US (62/027,014) 2014-07-21
|30| US (62/039,264) 2014-08-19

|21| **3,001,359**
|13| A1
|51| **Int.Cl. E01H 10/00 (2006.01)**
|25| EN
|54| **SPREADER**
|54| **EPANDEUR**
|72| WENDORFF, TERRY C., US
|72| GAMBLE, ROBERT N., II, US
|71| SNO-WAY INTERNATIONAL, INC., US
|22| 2014-08-27
|41| 2016-01-28
|62| 2,930,273
|30| US (62/027,014) 2014-07-21
|30| US (62/039,264) 2014-08-19

|21| **3,001,369**
|13| A1
|51| **Int.Cl. E02F 9/28 (2006.01)**
|25| EN
|54| **WEAR MEMBERS FOR EXCAVATION IMPLEMENTS**
|54| **ELEMENTS D'USURE POUR OUTILS D'EXCAVATION**
|72| RUVANG, JOHN A., CA
|71| BLACK CAT BLADES LTD., CA
|22| 2015-02-13
|41| 2016-08-18
|62| 2,943,615

|21| **3,001,382**
|13| A1
|51| **Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
|25| EN
|54| **DEVICES AND METHODS FOR TREATMENT OF DAMAGED TISSUE**
|54| **DISPOSITIFS ET PROCEDES DE TRAITEMENT DE TISSU ENDOMMAGE**
|72| HU, DEAN, US
|72| PINTO, MOSHE, US
|72| FONG, KENTON, US
|71| SPIRACUR INC., US
|22| 2009-02-13
|41| 2009-08-20
|62| 2,912,889
|30| US (61/028,835) 2008-02-14

|21| **3,001,399**
|13| A1
|51| **Int.Cl. C07F 5/02 (2006.01) C07C 237/46 (2006.01) C07F 5/04 (2006.01)**
|25| EN
|54| **PROCESS FOR THE PREPARATION OF IOPAMIDOL**
|54| **PROCEDE DE PREPARATION D'IOPAMIDOL**
|72| BATTISTINI, ELISA, IT
|72| BUONSANTI, FREDERICA, IT
|72| IMPERIO, DANIELA, IT
|72| LATTUADA, LUCIANO, IT
|72| NAPOLITANO, ROBERTA, IT
|71| BRACCO IMAGING SPA, IT
|22| 2014-11-04
|41| 2015-05-14
|62| 2,927,706
|30| EP (13191551.4) 2013-11-05

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[21] **3,001,601**
[13] A1
[51] **Int.Cl. H04N 19/503 (2014.01)**
[25] EN
[54] **DYNAMIC IMAGE PREDICTIVE ENCODING AND DECODING DEVICE, METHOD, AND PROGRAM**
[54] **DISPOSITIF DE DECODAGE ET DE CODAGE PREDICTIF D'IMAGE DYNAMIQUE, PROCEDE ET PROGRAMME ASSOCIES**
[72] BOON, CHOONG SENG, JP
[72] TAKIUE, JUNYA, JP
[72] FUJIBAYASHI, AKIRA, JP
[72] TAN, THIOW KENG, JP
[71] NTT DOCOMO, INC., JP
[22] 2013-04-09
[41] 2014-01-03
[62] 2,877,916
[30] JP (2012-145832) 2012-06-28

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[21] **3,001,812**
[13] A1
[51] **Int.Cl. G01N 27/83 (2006.01)**
[25] EN
[54] **FAULT DETECTION FOR PIPELINES**
[54] **DETECTION DES DEFAILLANCES POUR DES PIPELINES**
[72] FREEAR, STEVEN, GB
[72] VARCOE, BEN, GB
[72] COWELL, DAVID MATTHEW JOSEPH, GB
[72] STAPLES, STEPHEN GEORGE HENRY, GB
[72] VO, CHAU, GB
[71] SPEIR HUNTER LTD., GB
[22] 2013-03-01
[41] 2013-09-06
[62] 2,866,174
[30] GB (1203717.2) 2012-03-02

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[21] **3,001,814**
[13] A1
[51] **Int.Cl. A61M 31/00 (2006.01) A61F 2/18 (2006.01)**
[25] EN
[54] **EXPANDABLE DEVICES AND METHODS THEREFOR**
[54] **DISPOSITIFS EXPANSIBLES ET PROCEDES POUR LES UTILISER**
[72] ABBATE, ANTHONY J., US
[71] INTERSECT ENT, INC., US
[22] 2010-05-13
[41] 2010-11-18
[62] 2,761,769
[30] US (61/178,896) 2009-05-15

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GARCIA, ARIEL 2,686,886
GAS VENTURES (UK) LIMITED 2,786,519
GAUGLER, BERND 2,711,210
GAVRILETS, VLADISLAV 2,569,213
GE HEALTHCARE BIOSCIENCES CORP 2,732,212
GE HEALTHCARE LIMITED 2,705,134
GEBBIE, STUART JAMES 2,879,268
GEBEYEHU, GULILAT 2,960,570
GEELHART, THEODORE PAUL 2,808,041
GEN-PROBE INCORPORATED 2,967,430
GENERAL ELECTRIC COMPANY 2,690,654
GENERAL ELECTRIC COMPANY 2,705,134
GENERAL ELECTRIC COMPANY 2,732,212
GEORGE, BRIAN P. 2,885,531
GEORGY, JACQUES 2,802,445
GERMER, MATTHIAS 2,710,483
GESKE, JONATHAN 2,866,091
GIEGER, JEFFREY S. 2,854,112
GIGLIOLI, ROMANO 2,900,753
GIGUERE, JOSHUA R. 2,879,268
GLASER, MATTHIAS EBERHARD 2,705,134
GLATTBACH, JOACHIM 2,773,968
GODAYOL MARTI, ANTONI 2,789,553
GODFRIN, YANN 2,695,478
GODON, THIERRY 2,824,374
GOEL, VIVEK S. 2,936,003
GOOD, ROBERT 2,662,063
GOODALL, CHRIS 2,802,445
GOODSELL, DEVIN 2,742,604
GOODWIN, JUSTIN PAUL 2,808,041
GOODWIN, SCOTT 2,929,566
GOVARI, ASSAF 2,686,886
GRAEF, THOMAS H. 2,912,892
GREEN, GUERRY E. 2,919,993
GRIEVE, ALISON 2,791,224
GRIGGY, SHAWN 2,912,892
GROOTENHUIS, PETER D. J. 2,755,969
GROSSMANN, GREGORY ANDREW 2,732,212
GRUPO PETROTEMEX, S.A. DE C.V. 2,787,901
GU, QU-MING 2,792,944
GULATI, ANIL 2,696,398
GULBRANDSEN, PEDER J. 2,846,648
GUNER, BARIS 2,921,158
GUYTON, WILLIAM 2,700,280
HA, SEUNG-BUM 2,918,249
HADIDA RUAH, SARA S. 2,755,969
HALBERT, GARY 2,914,849
HALL, LEE J. 2,924,578
HALLIBURTON ENERGY SERVICES, INC. 2,913,492
HALLIBURTON ENERGY SERVICES, INC. 2,918,731
HALLIBURTON ENERGY SERVICES, INC. 2,921,158
HALLIBURTON ENERGY SERVICES, INC. 2,921,463
HALLIBURTON ENERGY SERVICES, INC. 2,923,014
HALLIBURTON ENERGY SERVICES, INC. 2,924,578
HALLIBURTON ENERGY SERVICES, INC. 2,929,566

HALLIBURTON ENERGY SERVICES, INC. 2,936,003
HALLIBURTON ENERGY SERVICES, INC. 2,942,796
HALLIBURTON ENERGY SERVICES, INC. 2,978,541
HANCU, DAN 2,690,654
HANSON, IAN B. 2,930,776
HANUSCHAK, DAVID 2,787,593
HARA, KARMA 2,787,593
HARA, YASUYUKI 2,794,710
HARRINGTON, DAVID LAMAR 2,945,083
HARRIS, NATHAN CRAIG 2,945,083
HAYNIE, MICHAEL B. 2,698,053
HE, HONG 2,945,155
HEEMSTRA, RONALD JOSEPH 2,799,203
HEINZ, ROBERT E. 2,967,430
HENDERSHOT, BENJAMIN J. 2,471,022
HESS, JOSEPH E. 2,923,014
HIDESHIMA, TERU 2,710,483
HIEBERT, JEFFREY 2,983,339
HILL, HANS 2,792,239
HLYNKA, MARVIN R. 2,885,580
HOLLENBERG, PAUL 2,897,407
HOLLIFIELD, DAVID 2,912,892
HOLMBERG, AARON D. 2,974,669
HOLME, CHRISTOPHER DOUGLAS 2,757,184
HONDA MOTOR CO., LTD. 2,892,835
HOUDE, AJAY Y. 2,945,083
HOWSHAM, CATHERINE 2,793,392
HRISTOV, HRISTO A. 2,745,817
HSIEH, YI-FAN 2,713,021
HSU, CHIA-PING CHARLES 2,795,195
HUANG, XIAOBIN 2,931,072
HUANG, ZHIPING 2,783,912
HUGHES, GLYN 2,793,392
HUTCHINSON, CRAIG 2,940,976
HUTCHISON, DAVID A. 2,720,111
HYGINEX INC. 2,735,694
HYLAND, GREGORY E. 2,741,843
IDEAL SANITARY WARE CO., LTD. 2,931,720
IDK INTERACTIVE INC. 2,983,339
IFP ENERGIES NOUVELLES 2,797,748
IKKA, MASAHIKO 2,745,228
ILLINOIS TOOL WORKS INC. 2,872,651
IM, WEON-BIN 2,918,249
IMMUNOGEN, INC. 2,710,483
INDENA S.P.A. 2,744,514
INNOVATIVE HEALTH TECHNOLOGIES, LLC 2,711,847
INNOVATIVE LEAK SOLUTIONS, INC. 2,970,487
INSIDE SECURE 2,733,304
INSTITUT BERGONIE 2,759,417
INSTITUT CURIE 2,759,417
INSTITUTE OF PROCESS ENGINEERING, CHINESE ACADEMY OF SCIENCES 2,909,154
INSTITUTO MEXICANO DEL PETROLEO 2,872,383
INTEL IP CORPORATION 2,945,155
INVENTIO AG 2,778,870
INVENTIO AG 2,797,765
IRIE, HIRONORI 2,941,469
ITO, RYOTA 2,857,799
IVERSON, BENJAMIN J. 2,936,003
IWAMOTO, SHIGEHISA 2,794,710
JAMAL, AQIL 2,855,780
JAMISON, DALE E. 2,924,578
JANG, YOON-SEON 2,811,526
JAPAN-LAMB INC. 2,794,710
JENKINS, ARTHUR L., III 2,814,807
JENKINS, RANDALL 2,912,892
JESSEE, JOEL 2,960,570
JESUS, REINALDO WALMIR DE 2,759,271
JIA, PING 2,885,531
JOHNSON, ERIC T. 2,849,511
JONES, ALYCE LINTHURST 2,693,840
JONES, PAUL JOSEPH 2,942,796
JORDAN, KYLE K. 2,471,022
JR KOOP, INC. 2,730,821
JUNIOR, ALDO GAMBERINI 2,759,271
KAIGLER, DARNELL, SR. 2,711,847
KANG, JONGKOO 2,921,849
KANSA, ROBERT 2,912,892
KARCHER, JEFFERY DWANE 2,942,796
KARVINEN, REINO TAUNO 2,757,184
KAWAKAMI, YUKI 2,856,238
KAWAMOTO, MICHIKO 2,794,710
KAWANO, TATSUYA 2,939,487
KBA-NOTASYS SA 2,965,451
KEEFE, ROBERT PAUL 2,741,843
KELLY, THOMAS L. 2,889,407
KENDING, CORY SHAWN 2,924,129
KENT, DARRIN J. 2,849,511
KENYON INTERNATIONAL, INC. 2,918,011
KETELHUT, KAI 2,808,216
KHORYAEV, ALEXEY 2,945,155
KILMER, BURRELL G. 2,471,022
KIM, HYE KYUNG 2,921,849
KIM, KWANG YUK 2,895,697
KIM, MI-YEON 2,918,249
KIM, SEUNG HYUNG 2,921,849
KIM, SOON-HOE 2,918,249
KLEIN, MICHAEL 2,787,593
KLEMM, ANDY 2,686,093
KLEMM, STEVEN RICHARD 2,686,093
KMA CONCEPTS LIMITED 2,944,797
KNICKREHM, MARK A. 2,823,571
KNIGHT, BYRON J. 2,967,430
KNOLL, INC. 2,836,930
KOGAN, VLADIMIR 2,914,168
KOOPMANN, RICHARD R. 2,730,821
KORDIS, THOMAS F. 2,849,511
KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY 2,921,849
KORMENDY, ARPAD 2,734,427
KORNOWSKI, JOSEPH 2,788,330
KOVACS, DOUGLAS A. 2,912,892
KOVACS, ERNEST WILLIAM 2,705,134
KOWOLL, JOHANNES 2,791,819
KOYAMA, TOMOTSUGU 2,708,322
KOZAK, BURTON 2,736,503
KOZAK, IRA 2,736,503
KRAFT, DAVE 2,912,892
KRALOVEC, JAROSLAV, A. 2,605,832
KREUTZMAN, DAVID 2,751,568
KSHIRSAGAR, GIRISH 2,914,766
KUME, TETSUYA 2,745,228
KUNZ, CLAUDIA 2,711,210
KUWANA, YUJI 2,965,219
KWON, OK-KYOUNG 2,921,849
KYSELOV, ANDRIY 2,692,992
LAIR, GARY D. 2,967,430
LALANCETTE, DANIEL 2,887,710
LANDIS, CHARLES 2,921,463
LAUER, MARTIN 2,759,518
LAURUNE, WILLIAM R. 2,698,053
LAVEINE, ANDREW T. 2,856,767
LAVIGUEUR, MAXIME 2,914,849
LECHLER GMBH 2,779,844
LEE, SU UI 2,921,849
LEE, TOM LIK-CHUNG 2,959,373
LEEKLEY, GREGORY H. 2,960,484
LEGRAND, DARREN MARK 2,793,392
LEHANE, JAMES J. 2,846,648
LESKINEN, PAULI 2,984,068
LESSIN, SAMUEL 2,869,670
LEWIS, LARRY NEIL 2,690,654
LEXISNEXIS, A DIVISION OF REED ELSEVIER INC. 2,788,330
LG LIFE SCIENCES, LTD. 2,811,526
LI, FANXING 2,773,458
LI, FLORENCE F. 2,967,430
LI, HAITAO 2,967,430
LIANG, HUARUI 2,797,422
LIANG, SHUYU 2,844,567
LIFENET HEALTH 2,693,840
LIGHT, JAMES P. 2,967,430
LILJA, JOHANNA 2,984,068
LIM, CHIN 2,806,032
LINN, YAIR 2,811,461
LINN-MAHLER HOLDINGS INC. 2,811,461
LIQUI-BOX CORPORATION 2,760,556
LIU, YAHUI 2,909,154
LODI S.P.A. 2,887,436
LODI, LUIGI 2,887,436
LOEFGREN, PETER 2,760,401
LOPEZ, JOSUE 2,916,473
LOWSTUTER, WILLIAM R. 2,767,020
LUTE, RICHARD C., JR. 2,912,892
LUTZEMBERGER, GIOVANNI 2,900,753
LYNCH, CECIL O. 2,843,363
LYONS, ANTHONY 2,797,632
MACDONALD, ADAM JOSEPH 2,734,427
MACDONALD, JOHN GAVIN 2,745,817
MACIOSZEK, JERZY A. 2,967,430
MAERSK SUPPLY SERVICE A/S 2,861,497
MAGEE, PAUL D. 2,912,892
MAI, JIMBIN 2,795,195
MAIREL, FRANCOIS 2,744,514
MAKOS, TIMOTHY S. 2,935,451
MALARD, THIERRY 2,806,032

MALAVIYA, SANJAY 2,779,325
MALLACI, GIUSEPPE 2,914,849
MANCHESTER, ALISON 2,788,330
MANINI, PETER 2,757,373
MANTYLA, JAMES BRIAN 2,766,888
MARCHAND, ALICE 2,695,478
MARHAYGUE, LLC 2,919,993
MARTIN, JAMES J. 2,544,616
MARTINEZ, JUAN HUMBERTO 2,936,003
MATSIEVITCH, RON 2,914,168
MATSUI, KYOKO 2,708,322
MATSUI, KYOKO 2,919,816
MAURY, SYLVIE 2,797,748
MAYER, THERESA M. 2,812,234
MC HEALTH TECH, S.L. 2,789,553
MCCARTHY, KEITH 2,879,268
MCDANIEL, THOMAS R. 2,916,473
MCDONALD, TOM 2,914,766
MCGETTRICK, RONALD J. 2,812,234
MEDIGEN BIOTECHNOLOGY CORP. 2,713,021
MEDTRONIC MINIMED, INC. 2,930,776
MEHOK, MATTHEW W. 2,471,022
MEHRA, GAURAV 2,788,330
MELVIN, MATT S. 2,799,203
MENCHINI, STEFANO 2,797,765
MENDOZA DE LA CRUZ, JOSE LUIS 2,872,383
MERCIER, YVES 2,863,828
MERCOLI, PRIMO 2,844,567
MEZZALIRA, ALESSANDRO 2,802,327
MICELI, DAVID A. 2,871,813
MICELI, JOSEPH A. 2,871,813
MICHON-GENTE, MARIE-JOSEE 2,769,111
MICROBIO SOLUTIONS INC. 2,942,780
MIDWESTERN UNIVERSITY 2,696,398
MILLER, MOLLY 2,788,330
MILLWICK ACQUISITION CORP. 2,699,121
MISPREUVE, HENRI 2,844,567
MITSUDA, NOBUTAKA 2,708,322
MITSUKAWA, NORIHIRO 2,708,322
MITSUKAWA, NORIHIRO 2,919,816
MLEZIVA, ROY 2,912,892
MOBERG, SHELDON B. 2,930,776
MOLECULAR TRANSFER, INC. 2,960,570
MONCRIEF, JAMES W. 2,544,616
MONSON, NANCY 2,769,002
MONTEIRO, MARIO ARTUR 2,941,174
MONTOYA, ARMANDO 2,844,045
MOORE, MARK 2,693,840
MORITZ, JAN 2,915,907
MOSCA GMBH 2,825,025
MOULY, FRANCOIS 2,813,569
MUELLER INTERNATIONAL, LLC 2,741,843
MUNTAZIM, SAAD 2,898,729
MURAMOTO, NOBUHIKO 2,708,322
MURAMOTO, NOBUHIKO 2,919,816
MY LIFE IT (AUST) PTY LTD 2,832,359
NADKRYNECHNY, RICK 2,966,899
NADUKUDIYIL, DOMINIC 2,914,766
NAGANAWA, HIROCHIKA 2,745,228
NAGLESTAD, JOSEPH 2,730,821
NAKAMURA, SHINSUKE 2,892,835
NALCO COMPANY 2,805,489
NASCHER, REINOLD 2,844,567
NEEDHAM, MICAH 2,795,195
NEELAM, KARUNAKAR 2,898,729
NEILSEN-KULJIAN, INC. 2,959,373
NEISIUS, MATTHIAS 2,844,567
NELSON, CHRISTINE D. 2,941,312
NELSON, JOHN RICHARD 2,732,212
NELTI, GIANNI 2,802,327
NEUBAUER, ROBERT ANTHONY 2,674,977
NEUFELDT, PATRICK 2,930,798
NGUYEN, HUY D. 2,959,373
NGUYEN, PHILIP D. 2,924,578
NGUYEN, THANH N. 2,967,430
NICODEMO, JOHN 2,787,593
NIEDERST, JEFFREY 2,793,541
NIELSEN, BRYAN 2,921,463
NILSSON, JAN-PETER 2,797,632
NISSIN CHEMICAL INDUSTRY CO., LTD. 2,745,228
NOLAND, MADELEINE 2,846,406
NORD, LARS 2,781,207
NORTH PARK INNOVATIONS GROUP INC. 2,906,287
NORTHRUP, WILLIAM 2,906,287
NOURELDIN, ABOELMAGD 2,802,445
NOVARTIS AG 2,793,392
O'BRIEN, ROBERT M. 2,793,541
OCERA THERAPEUTICS, INC. 2,757,373
OETLINGER, FRANK E. 2,795,929
OGAWA, TOSHITAKA 2,965,219
OH, SEI-RYANG 2,921,849
OHASHI, TETSUYA 2,745,228
OHIO STATE INNOVATION FOUNDATION 2,773,458
OHTO, CHIKARA 2,708,322
OHTO, CHIKARA 2,919,816
OKAMURA, YUKIO 2,708,322
OKUYAMA, YUICHI 2,769,873
OLIVARES, CESAR A. 2,979,888
ONIPCHENKO, OLEXANDR 2,692,992
ORTHOSOFT INC. 2,715,898
OSBORNE, JEFFREY LEN 2,795,139
OSCAR, ALBERTO 2,900,753
OSGOOD, MARK A. 2,759,247
OSTERROTH, FRANK 2,710,483
OTA, TETSUYA 2,794,710
OUAYAHYA, NADIR 2,752,217
OUTOTEC OYJ 2,946,037
OWEN, AARON 2,940,976
PADILLA DE JESUS, OMAYRA LIZ 2,705,134
PAMPERIN, MARK THOMAS 2,945,083
PANGU, GANESH SHRINIWAS 2,913,492
PARK, JUNG-SANG 2,918,249
PARKINSON, RICHARD ALAN 2,766,888
PAULEY, BROOK JAMES 2,733,741
PAULEY, DWIGHT JAMES 2,733,741
PAULEY, SUSAN LOUISE 2,733,741
PAULSEN, MARK R. 2,846,648
PELLETIER, BENOIT 2,715,898
PEMAQUID HOLDINGS LLC 2,814,807
PESYAN, AMIR 2,718,723
PETACK, BURKHARD 2,930,798
PETERSON, JASON G. 2,760,556
PETROLEUM SPECIALTY RENTAL, LLC 2,736,935
PHAM, THANG 2,855,780
PHYSIQ INC. 2,787,170
PINDIPROLU, SAIRAM KS 2,913,492
PINTO, ALEXANDRE SOARES 2,759,271
PISKLAK, THOMAS JASON 2,936,003
PLANO MOLDING COMPANY 2,935,451
PODHRADSKY, JOHN 2,906,287
POSCO 2,895,697
PRABHU, PADMANABHA J. 2,824,614
PRIMAL FUSION INC. 2,662,063
PROBASCO, TONYA 2,797,942
PROCTOR, KENT DOUGLAS 2,766,888
PROFESSIONAL DIETETICS S.R.L. 2,781,820
PROLACTA BIOSCIENCE, INC. 2,844,045
PROULX, CATHERINE 2,715,898
PROUVOST, BENOIT 2,793,541
PUTCO, INC. 2,949,618
QI, TAO 2,909,154
QIN, XIAOFEI 2,693,840
QU, JINGKUI 2,909,154
QUICK, TRENT 2,949,618
QUINTERO, RUBEN DARIO RODRIGUEZ 2,786,519
RABINOVICH, PAVEL 2,692,992
RACENET, DAVID C. 2,894,076
RADICALOGIC TECHNOLOGIES, INC. DBA RL SOLUTIONS 2,779,325
RAGLAND, ROBERT RYAN 2,849,511
RAICHMAN, YOSSEF 2,735,694
RAKUTEN, INC. 2,846,406
RAMANATHAN, CHARULATHA 2,885,531
RAMOS CORZO, VERONICA 2,872,383
RAMRAKHA, SANJAY 2,841,310
RANGINYA, TAGO 2,983,339
RASKOVIC, DARKO 2,946,037
RAVI, KRISHNA M. 2,929,566
RAY, CLIFORD H. 2,700,280
RECULINER BVBA 2,791,419
REINZ-DICHTUNGS-GMBH 2,711,210
REIS, ANTONINO ALVES E SILVA 2,759,271
REISCHMANN, MICHAEL 2,918,011
REMEZ, VICTOR PAVLOVICH 2,972,799
REMOTE MEDIA, LLC 2,960,484
REYNARD, BRUNO 2,950,509
RHEINMETALL WAFFE MUNITION GMBH 2,808,216
RHODES TECHNOLOGIES 2,879,268
RICHARD, ALAIN 2,715,898
RICOH COMPANY, LTD. 2,941,469
RIDER, LONN S. 2,879,268
RIVERA, LEONARDO G. 2,979,888
ROBERSON, MARK W. 2,929,566

ROBERT, JAY 2,935,451
ROCKWELL COLLINS CONTROL TECHNOLOGIES, INC. 2,569,213
RODDY, CRAIG W. 2,929,566
RODGERS, DAVID 2,906,287
ROEDFALK, ALBERT 2,797,632
ROLL, PATRICK 2,773,968
ROMAGNOLI, KEVIN 2,793,541
ROSSMANN, RUDOLF 2,808,216
ROTH, HUGH 2,895,697
ROTTINGHAUS, VINCE 2,887,480
ROUNDS, KIM 2,787,593
ROWE, MISTY DAWN 2,942,796
RSC MINING (PTY) LTD. 2,798,265
RWM SCHWEIZ AG 2,808,216
SADLER, JAMES WILLIAM 2,760,556
SAFETRAY PRODUCTS LIMITED 2,791,224
SAFFELL, TIMOTHY J. 2,471,022
SAGEM DEFENSE SECURITE 2,827,717
SAKAKI, KAZUAKI 2,745,228
SALIX PHARMACEUTICALS, INC. 2,841,310
SALO DARDER, JORDI 2,789,553
SAMSUNG ELECTRONICS CO., LTD. 2,797,422
SAMUEL, ROBELLO 2,918,731
SANI, LUCA 2,900,753
SASAKI, TOMOHIKO 2,941,469
SATO, HAYATO 2,892,835
SATO, SHINYA 2,794,710
SAUDI ARABIAN OIL COMPANY 2,855,780
SAVENOK, ALEXANDER 2,960,484
SAVENOK, DAVID 2,960,484
SAVENOK, PAVEL 2,960,484
SAXON, JOHN 2,841,310
SAYNAC, XAVIER PIERRE-EMMANUEL 2,734,427
SCALESE, ROBERT F. 2,967,430
SCHAEDE, JOHANNES GEORG 2,965,451
SCHAEFER, RICHARD F. 2,751,568
SCHARTNER, QUINN W. 2,872,651
SCHILIMGEN, RONALD J. 2,984,996
SCHLUMBERGER CANADA LIMITED 2,775,477
SCHMIDT, MARKO 2,930,798
SCHNEIDER, MATTHIAS 2,779,844
SCHOEFFLER, DANIEL 2,912,892
SCHULTZ, ROGER L. 2,974,669
SCHUMACHER, JOHN E., III(DECEASED) 2,767,020
SCHUTTE, GRANT 2,793,541
SCRIFFIGNANO, ANTHONY 2,787,593
SEKISUI MEDICAL CO., LTD. 2,794,710
SELF, CHRISTOPHER M. 2,984,996
SERGEEVA, SVETLANA ALEXANDROVNA 2,654,408
SHAFFER, JUSTIN ALEXANDER 2,869,670
SHAIKH, ASHFAQ 2,787,901
SHEN, JIAZHONG 2,884,396
SHILOV, MIKHAIL 2,945,155
SHIMAOKA, TATSURO 2,794,710
SHIMOJO, KOJIRO 2,745,228
SHIN, IN SIK 2,921,849
SHIN-ETSU CHEMICAL CO., LTD. 2,745,228
SHOWA CORPORATION 2,857,799
SICLOVAN, OLTEA PUICA 2,690,654
SIEMENS INDUSTRY, INC. 2,906,148
SILVA, CELSO DE JESUS 2,759,271
SINGH, PARMINDER 2,686,093
SINGHE, UPENDRA WICKREMA 2,871,760
SITTIG, AARON 2,869,670
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 2,680,111
SMART SKIN TECHNOLOGIES INC. 2,734,427
SMITH, FREDERICK L. 2,788,559
SMITH, MIKE 2,779,325
SMITH, MOLLY K. 2,745,817
SMITH, NATHAN L. 2,742,296
SMYTHE, RICHARD STANLEY 2,832,359
SNECMA 2,813,569
SNECMA 2,819,388
SNECMA 2,824,374
SNYDER, PAMELA MARIE 2,795,139
SO, JIN EON 2,811,526
SOC CORPORATION 2,965,219
SOH, KIAN TECK 2,733,304
SOHN, KI YOUNG 2,921,849
SOLENIS TECHNOLOGIES CAYMAN, L.P. 2,792,944
SOLOMON, STUART L. 2,471,022
SPEAKE, JASON 2,799,203
SPECTRUM BRANDS, INC. 2,850,968
SPIEGEL, KATRIN 2,793,392
SPOHN, WILLIAM P. 2,906,287
SPRONKEN, JOHN RENE 2,972,085
SRIDHAR, DEEPAK 2,773,458
STARK, PETER A. 2,924,129
STEGMILLER, LEONIDIO 2,759,271
STENSON, PAUL 2,793,541
STEYN, JOHANN 2,798,265
STIEBITZ, GUENTER 2,773,968
STONE, SHANTEL J. 2,921,463
STROM, MARIA 2,885,531
SU, GANG 2,795,195
SUDO, SHIGEO 2,794,710
SUGAHARA, HIROTO 2,745,228
SUGAI, MASAHIRO 2,769,873
SUNG, HYUN-JUNG 2,918,249
SURLA, KARINE 2,797,748
SUTMAN, FRANK J. 2,792,944
SWAN, ANDREW KERR 2,742,604
SWEENEY, PETER 2,662,063
SWG SCHRAUBENWERK GAISBACH GMBH 2,773,968
SWIMC LLC 2,793,541
SYED, ZAINAB 2,802,445
SYNCRUDE CANADA LTD. 2,895,697
SYUD, FAISAL AHMED 2,705,134
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CHRISTENSEN, COREY 3,001,697
CIDRA CORPORATE SERVICES INC. 3,001,568
CIFUENTES CABEZAS, MAGDALENA 3,001,630
CIMPOIASU, VILY M. 3,001,118
CIONNI, ROBERT 3,002,085
CITY OF HOPE 3,001,723
CITY OF HOPE 3,001,833
CIULLA, RONALD 3,001,733
CJ CHEILJEDANG CORPORATION 3,001,675
CLARK, GINA THERESA 3,001,849
CLARK, JOSEPH R. 3,001,695
CLARVISTA MEDICAL, INC. 3,002,085
CLAY, MATTHEW C. 3,001,110
CLAYPOOL, JAMES 3,001,487
CLEVELAND, JOHN L. 3,001,903
CLEVEN, PETER KRIS 3,001,897
CLOVERLEAF MEDIA LLC 3,001,687
CLOVERLEAF MEDIA LLC 3,001,690
CLS THERAPEUTICS LIMITED 3,001,543
CMC CONSUMER MEDICAL CARE GMBH 3,002,121
CMI DEFENCE S.A. 3,001,432
COBB, NICHOLAS 3,001,481
COGLE, CHRISTOPHER R. 3,001,882
COLE, RUSSELL 3,001,986
COLGATE-PALMOLIVE COMPANY 3,002,142
COLGATE-PALMOLIVE COMPANY 3,002,221
COLGATE-PALMOLIVE COMPANY 3,002,226
COLHOUN, GRANT 3,001,900
COLLAS, FLORENT 3,001,815
COLLETT, MARK 3,002,201
COLLINGE, MEHDI 3,002,003
COLLINS, CHRISTOPHER 3,002,168
COLOMBO, ROBERTA 3,001,521
COLOMINE, ANTHONY 3,001,432
COLSON, PIERRE-JEAN 3,001,542
COMMONS, MATTHEW 3,002,034
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,001,885
COMMUNITY HYDRO, LLC 3,002,149
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,001,759
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 3,002,201
CONMED CORPORATION 3,002,237
CONNELL, JAMES PATRICK 3,002,151
CONNOLLY, TIMOTHY P. 3,002,008
CONNOR, CHRISTOPHER 3,001,760
CONRAD, NATHAN 3,001,714
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS 3,002,123
CONSTELLIUM ISSOIRE 3,001,519
CONVERT, NICOLAS 3,002,127
COOK, PATRICK 3,002,175
COOK, PETER RICHARD 3,001,954
COOKE, MICHAEL LIAM 3,001,799
COOPERATIE AVEBE U.A. 3,001,548
COQUET, YVES 3,001,113
CORBIN, BRIAN 3,002,032
CORDIAL EXPERIENCE, INC. 3,000,833
CORDOBA, SHAUN 3,001,792
CORNING INCORPORATED 3,001,514
CORREIA, BRUNO E. 3,001,847
CORTEZ, ALEX 3,001,482
COSTA FAIDELLA, DAVID 3,002,235
COSTA, FRANCIS 3,001,938
COURCHAY, FLORENCE CATHERINE 3,001,551
COUSIN, DAVID 3,001,799
COUSINS, MATTHEW JOHN 3,001,506
COUSINS, MATTHEW JOHN 3,001,651
COVESTRO LLC 3,001,720
COX, BRIAN J. 3,002,154
COX, CHAD 3,001,835
COX, KARA S. 3,001,878
CRAFT, BRANDON W. 3,001,733
CRAIG, TIM 3,001,302
CRAVATT, BENJAMIN F. 3,001,847
CRAYOLA, LLC 3,002,093
CREATIVE IMPACT INC. 3,001,952
CREATIVE LAW ENFORCEMENT RESOURCES, INC. 3,002,152
CREMONESI, SUSANNA 3,001,649
CRISMAN, ANDREW 3,001,537
CRISMAN, ANDREW 3,001,647
CRISTADORO, KEVIN 3,002,062
CRISTIANO, BRIONY 3,001,676
CROMA-PHARMA GESELLSCHAFT M.B.H. 3,001,634
CROWE, THOMAS J. 3,001,564
CRUZ, AMOS 3,001,755
CRUZ, JEFFREY S. 3,001,421
CUBIC CORPORATION 3,001,875
CUCCHI, ROBERT LEWIS 3,001,706
CUCCHI, ROBERT LEWIS 3,001,715
CUFF, THOMAS J. 3,001,600
CULLINANE, J. TIM 3,001,479
CUNDIEFF, DOUGLAS A. 3,001,861
CUPILLARD, LIONEL PIERRE CHRISTIAN 3,001,340
CURT G. JOA, INC. 3,001,844
CUSICK, ADAM 3,001,302
CUSTAR, DANIEL 3,002,144
CZAINSKI, ROBERT 3,002,114
CZEKAI, DAVID 3,001,722
D'ELIA, GREGORY 3,001,843
DA SILVA CONCEICAO, ALEXANDRE 3,001,681
DA SILVA, SIMONE HELENA 3,001,920
DABNEY PATENTS, L.L.C. 3,001,620
DABNEY, PAUL 3,001,620
DABROS, MARTA 3,001,542
DAHANAYAKE, MANILAL S. 3,001,565
DAHLQVIST, JOHAN 3,001,760
DAITO, YOSHIHIRO 3,001,966
DAKE, MARTIN WILLIAM 3,002,107
DAMAK, MAHER 3,002,075
DANGSEEYUN, NUJALEE 3,001,865
DANIYALZADE, EYTAN 3,001,544
DANIYALZADE, EYTAN 3,001,546
DANIYALZADE, EYTAN 3,001,553
DANIYALZADE, EYTAN 3,001,554
DARWIN TECHNOLOGY INTERNATIONAL LIMITED 3,002,122
DASYS, ANDREW 3,002,104
DATE, NORIAKI 3,002,139
DATTARAY, BASAB 3,002,096
DAVE, RAVI VIPOOL BALMUKUND 3,001,899
DAVIDSON, GORDON 3,001,687
DAVIDSON, GORDON 3,001,690
DAVIDSON, KYLE ROBERT 3,001,867
DAVIES, JOHN 3,002,151
DAVIES, MICHAEL JONATHON 3,001,478
DAVIS, ERIC 3,001,697
DAVIS, TERRY G. 3,001,720
DAY, JAMES EDWARD HARVEY 3,001,799
DAY, ROGER W. 3,001,913
DE BRETAGNE, THOMAS 3,001,426
DE GROOT, ANNE S. 3,001,725
DE MARTINO, LUIGI 3,001,513
DE MIRANDA CHAVES VASQUEZ PINTO, LUCIANA 3,001,920
DEB IP LIMITED 3,001,469
DEBIEUVRE, AMANDINE 3,001,990
DEBOCK, MATTHEW G. 3,002,033

DECAUDIN, BENOIT 3,001,669
DEGENSTEIN, NICK J. 3,001,522
DEGENSTEIN, NICK J. 3,001,559
DEGENSTEIN, NICK J. 3,001,561
DELECKI, ADAM 3,001,688
DELFINO, ANTONIO 3,001,759
DELLOVADE, TAMMY 3,002,224
DELSITECH OY 3,001,752
DELTA FAUCET COMPANY 3,001,867
DEMARIA, CHRISTINE 3,001,364
DENNELER, STEFAN 3,001,754
DENNIS, ANDREW TRININ 3,002,099
DEORSOLA, FABIO ALESSANDRO 3,001,650
DEPRES, GAEL 3,001,943
DEROSA, FRANK 3,001,852
DESAI, JAPAN NITINKUMAR 3,001,958
DESAI, SIDDHARTH 3,002,106
DESCH ANTRIEBSTECHNIK GMBH & CO. KG 3,001,527
DESCH, HENDRIK PETER 3,001,527
DESCHATELETS, PASCAL 3,001,128
DESHPANDE, SACHIN G. 3,001,960
DESLAURIERS, ALAIN 3,001,737
DESOUSA, RYAN 3,001,656
DESPOIS, JEAN-FRANCOIS 3,001,907
DESZCZ, LISA 3,001,818
DEVRIES, CRAIG 3,002,002
DEWEY, DAVID 3,001,839
DEXCOM, INC. 3,002,096
DEXCOM, INC. 3,002,099
DEY, SAIKAT 3,002,016
DI MATTEO, NICOLA RAFFAELE 3,001,970
DIAMOND, HEATHER DAWN 3,001,736
DIANOVATOR AB 3,001,448
DIAZ HERNANDEZ, CARMEN ELISA 3,002,123
DIAZ, GILBERTO 3,001,709
DIGITAL BARRIERS SERVICES LTD 3,001,640
DIMARTINO, JORGE 3,002,029
DIMARTINO, JORGE 3,002,068
DIRGO, ROBERT T. 3,001,348
DISTEFANO, DANIEL 3,001,878
DJURDJEVIC, BOBAN 3,001,743
DJURETIC, IVANA 3,002,066
DO, HENRY 3,001,538
DOEHLER, HARDI 3,001,930
DOEHLER, HARDI 3,001,931
DOGGETT, DAVID 3,001,790
DOGGETT, DAVID 3,001,801
DOMENES PALMIERI RODRIGUEZ, DEBORA 3,001,920
DONG, MINGZHU 3,001,750
DONG, RONG 3,002,221
DOS SANTOS MARTINS, FLAVIANO 3,001,920
DOSENTRX LTD. 3,002,134
DOTEN, LEONARD E. 3,001,891
DOUCHI, SADAO 3,001,670
DOW AGROSCIENCES LLC 3,002,151
DOW GLOBAL TECHNOLOGIES LLC 3,001,471
DOW GLOBAL TECHNOLOGIES LLC 3,001,582
DOW GLOBAL TECHNOLOGIES LLC 3,002,194
DR. FALK PHARMA GMBH 3,001,435
DRAEGER, RIAN 3,002,096
DRAKOPOULOS, STAVROS 3,001,664
DRANSFIELD, DANIEL T. 3,002,097
DRILLING INNOVATIVE SOLUTIONS, LLC 3,001,914
DRINKENBURG, WILHELMUS HELENA IGNATIUS MARIA 3,001,768
DRONE SEED CO. 3,001,693
DRUMMOND, DARYL C. 3,001,467
DSM IP ASSETS B.V. 3,001,438
DSM IP ASSETS B.V. 3,001,441
DU, HONG 3,002,144
DUAN, HUI 3,000,739
DUAN, HUI 3,000,750
DUBEY, ASHISH 3,002,048
DUBIEL, MARCELO 3,001,921
DUCKETT, DEREK R. 3,001,903
DUDZIK, HORST 3,001,930
DUDZIK, HORST 3,001,931
DUEIRI, DAWUD F. 3,001,876
DUFF, JOSEPH G. 3,001,739
DUFRESNE, ROBERT P. 3,001,919
DUGUAY, RANDY 3,001,628
DUKE UNIVERSITY 3,001,623
DUNLEVY, TIM 3,001,912
DUNLEVY, TIM 3,002,032
DUNN, CHARLES S. 3,001,704
DUNN, LAURA J. 3,002,096
DUQUETTE, DAVID 3,001,835
DUSTERHOFT, RONALD G. 3,001,837
DUX, DARIN L. 3,001,624
DWULET, JOHN H. 3,001,530
DWYER, BRIAN P. 2,997,762
DYKA SAS 3,001,669
DZIADOSZ, DAN 3,001,856
EADS, THAD J. 3,001,867
EAST, DAVID M. 3,001,872
EAST, LOYD E., JR. 3,001,837
EATON INTELLIGENT POWER LIMITED 3,001,684
EATON INTELLIGENT POWER LIMITED 3,001,849
EAVARONE, DAVID A. 3,002,097
EBLER, RALPH J. 3,001,213
ECKERT, DANIEL 3,001,544
ECKERT, DANIEL 3,001,546
ECKERT, DANIEL 3,001,553
ECKERT, DANIEL 3,001,554
ECOLAB USA INC. 3,001,717
EDINGER, JAMES 3,002,066
EDITAS MEDICINE, INC. 3,001,711
EDRINGTON DISTILLERS LIMITED 3,001,476
EDRINGTON DISTILLERS LIMITED 3,001,502
EGOAGWU, NNEKA UGURU 2,999,744
EHRSTROM, JEAN-CHRISTOPHE 3,001,519
EIKEN KAGAKU KABUSHIKI KAISHA 3,001,533
EILEMBERG, NICOLE GARLAND 3,002,026
EISAI R&D MANAGEMENT CO., LTD. 3,001,969
EISAI R&D MANAGEMENT CO., LTD. 3,002,144
ELBERBAUM, DAVID 3,002,230
ELBEX VIDEO LTD. 3,002,230
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 3,001,545
ELLIS, CARL 3,001,697
ELLIS, THOMAS 3,001,916
ELLWANGER, KRISTINA 3,001,765
EMMYON, INC. 3,001,510
EMTAGE, PETER 3,001,590
ENDRES, STEFAN 3,001,507
EPHYLA SAS 3,002,130
EPIVAX, INC. 3,001,725
EPSTEIN, STEPHEN 3,002,211
ESCALIER, GUILHEM 3,001,645
ESCALIER, GUILHEM 3,001,646
ESCALIER, GUILHEM 3,001,648
ESCALIER, GUILHEM 3,001,824
ESCALIER, GUILHEM 3,001,990
ESCOBAR, DEREK JAMES 3,002,096
ESKO-GRAPHICS IMAGING GMBH 3,001,473
ESPE, ROLF 3,001,639
ESPERA-WERKE GMBH 3,001,499
ESPERA-WERKE GMBH 3,001,633
ESPINOSA, HECTOR VALDEMAR GARCIA 3,001,860
ESSILOR INTERNATIONAL 3,001,635
ESSILOR INTERNATIONAL 3,001,642
ESSILOR INTERNATIONAL 3,001,645
ESSILOR INTERNATIONAL 3,001,646
ESSILOR INTERNATIONAL 3,001,648
ESSILOR INTERNATIONAL 3,001,719
ESSILOR INTERNATIONAL 3,001,762
ESSILOR INTERNATIONAL 3,001,824
ESSILOR INTERNATIONAL 3,001,990
ESSY, BLAIR R. 3,001,657
EUGSTER / FRISMAG AG 3,001,617
EUREKA THERAPEUTICS, INC. 3,001,910
EVANS, LAUREN 3,002,142
EVANS, PHIL 3,001,868
EVONIK DEGUSSA GMBH 3,001,558
EVONIK DEGUSSA GMBH 3,001,930
EVONIK DEGUSSA GMBH 3,001,931
EXACT SCIENCES DEVELOPMENT COMPANY, LLC 3,002,196
EXIGENCE TECHNOLOGIES INC. 3,001,921
EXONATE LIMITED 3,001,789
EXXONMOBIL CHEMICAL PATENTS INC. 3,001,494
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,001,336

EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,001,479
F. HOFFMANN-LA ROCHE AG 3,001,729
F. HOFFMANN-LA ROCHE AG 3,001,763
F. HOFFMANN-LA ROCHE AG 3,001,933
FABIANO TIXIER, ANNE-SYLVIE 3,001,673
FACC AG 3,001,883
FALAHATI, RUSTOM 3,001,509
FAN, JING 3,001,679
FAN, ZHENGFU 3,001,644
FANG, FRANK 3,002,144
FARAGO, DAVID 3,001,900
FARAH, MARIAN 3,001,328
FARINELLA, DOMENICO 3,001,432
FARRACE, VICTOR H. 3,001,868
FASS, GENE TIMOTHY 3,001,542
FATE THERAPEUTICS, INC. 3,001,917
FATHALLAH, MICHEL 3,001,694
FATHALLAH, MICHEL 3,001,855
FATHEREE, PAUL R. 3,001,542
FAUSTINI, LOU 3,001,557
FEHER, GABOR 3,002,022
FEIFEL, MARC IAN 3,002,172
FEIGE, JEROME 3,001,654
FELDMAN, JASON ALEX 3,001,902
FELTS, JOHN T. 3,001,718
FERNALD, MARK R. 3,001,568
FERNANDEZ DE GRADO, ALAIN 3,001,428
FERON, CHRISTIANE MARIE-PAULE SIMONE JEANNE 3,002,117
FERRARA, MARCO 3,001,929
FETALVERO, KRISTINA MICHELLE 3,001,703
FEUERBORN, ALEXANDER 3,001,954
FIELD, STEPHEN JAMES 3,001,647
FIGLEY, TIMOTHY M. 3,001,870
FILIPIAK, DAVID 3,001,451
FILLMASTER SYSTEMS, LLC 3,001,688
FINCH, JOHN G. 3,002,038
FINKE, KEVIN 3,002,172
FINKEL, JULIA C. 3,001,461
FINLAY, HEATHER 3,001,974
FINO, DEBORA 3,001,650
FIRMENICH S.A 3,001,638
FIRST DATA CORPORATION 3,001,692
FIRST QUALITY TISSUE, LLC 3,001,475
FIRST QUALITY TISSUE, LLC 3,001,608
FISCHER CONNECTORS HOLDING S.A. 3,002,127
FISCHER, DANIEL 3,001,617
FISCHLE, MORITZ 3,001,754
FITZPATRICK, IAN 3,001,302
FIVES MACHINING SYSTEMS, INC. 3,001,911
FLEURY, MELISSA 3,001,542
FLEX PHARMA, INC. 3,001,356
FLIRTEY HOLDINGS, INC. 3,001,694
FLIRTEY HOLDINGS, INC. 3,001,855
FLOREY, GUILLAUME 3,001,907
FLUIDOR EQUIPMENT B.V. 3,001,235
FLYWHEEL SOFTWARE, INC. 3,001,657
FOGGIA, JOHN R. 3,001,694
FOGGIA, JOHN R. 3,001,855
FOLAN, MARTYN G. 3,001,618
FONTANA, CELIA 3,001,340
FONTIJN, MARCEL 3,002,024
FOO, KLEMENT JIHAO 3,001,452
FORD, FRANCIS JOHN GUILLENA 3,001,629
FORDIANI, FABRIZIO 3,002,130
FORG, CHRISTIAN 3,001,531
FORMAN, STEPHEN J. 3,001,833
FORSBACK, ARI-PEKKA 3,001,752
FORSEE, BRUCE 3,001,476
FORSEE, BRUCE 3,001,502
FORSTER, SAM C. 3,002,110
FOSSATI, GIACOMO 3,001,929
FOUGERE, RICHARD J. 3,001,619
FOUR STRONG CORPORATION 3,001,743
FOWLER, TRACY A. 3,001,336
FOWLER, TRACY A. 3,001,479
FOX, ROGER 3,001,611
FRANCOIS, CEDRIC 3,001,128
FRANKS, BARRY 3,002,158
FRATTINI, SARA 3,001,929
FREDERICK, JEFFREY W. 3,001,336
FRENAL, ANTOINE 3,001,788
FRENAL, ANTOINE 3,001,791
FRENNESSON, DAVID B. 3,002,008
FRENZEL, SHAWN PAUL 3,001,511
FRERES LUMBER CO., INC. 3,001,691
FRERES, TYLER 3,001,691
FRERKING, JOHN RANDY 3,001,987
FRESENIUS MEDICAL CARE HOLDINGS, INC. 3,001,622
FREY, GEORGE 3,001,898
FRICKER, SEBASTIEN 3,001,635
FRICKER, SEBASTIEN 3,001,642
FRICKER, SEBASTIEN 3,001,645
FRICKER, SEBASTIEN 3,001,646
FRICKER, SEBASTIEN 3,001,719
FRICKER, SEBASTIEN 3,001,762
FRIEDLAND, ARI E. 3,001,711
FRIEDMAN, EVAN 3,002,078
FRIEDMAN, STEVEN 3,002,016
FRIEDRICH, STEVEN G. 3,001,549
FRIEDRICH, STEVEN G. 3,001,551
FRIEDRICH, STEVEN G. 3,001,552
FRIPP, MICHAEL LINLEY 3,001,556
FRIPP, MICHAEL LINLEY 3,002,147
FU, ZIWEN 3,001,747
FUCEK, IVICA 3,001,765
FUCHS, YANNICK 3,001,774
FUJIAN SANAN SINO-SCIENCE PHOTOBIOTECH CO., LTD. 2,987,126
FUJIFILM CELLULAR DYNAMICS, INC. 3,002,156
FUJIFILM CELLULAR DYNAMICS, INC. 3,002,157
FUJIMOTO, YUICHI 3,001,095
FUJITA, YUZO 3,001,447
FULTON, JOHN W. 3,001,336
FUNNELL, TIM 3,002,125
FURFORI, STEFANIA 3,001,650
FURTWANGLER, BRANDON C. 3,002,055
FURTWANGLER, STEVEN N. 3,002,055
FURUSAKO, SEIJI 3,001,442
FURUSAKO, SEIJI 3,001,971
FUTABA INDUSTRIAL CO., LTD. 3,001,967
GABER, FLORIAN 3,001,930
GABER, FLORIAN 3,001,931
GABIZON, ALBERTO 3,001,699
GAGE, ALEXANDER WADE 3,001,456
GALGALI, GIRISH SURESH 3,001,938
GALLERY BLOCKS LLC D/B/A ARTSY COUTURE 3,001,610
GALLOTTO, ROBERT 3,001,572
GAMMIE, JAMES 3,002,211
GANO, JOHN CHARLES 3,001,556
GARCIA MENDEZ, JORGE ALEJANDRO 3,001,965
GARFIELD, JARED 3,001,858
GARTNER, ZEV JORDAN 3,001,986
GARY, KENNETH 3,001,572
GASKELL, MARK 3,002,122
GATENBY, KEVIN MICHAEL 3,001,504
GAUTHERON, ANTHONY 3,001,992
GAY, ALLEN ARTHUR 3,002,055
GAY, GEOFFREY NORMAN WALTER 3,002,122
GE LIGHTING SOLUTIONS, LLC 3,002,035
GEERDINK, DANNY 3,001,975
GEERDINK, DANNY 3,001,979
GEERTS, SHAUN 3,001,110
GEHRMANN, THORSTEN MARCUS 3,001,496
GEIERSTANGER, BERNHARD HUBERT 3,001,482
GEISLER, JENS 3,001,085
GEMPHIRE THERAPEUTICS, INC. 3,001,627
GENENTECH, INC. 3,001,880
GENERAL ELECTRIC COMPANY 3,002,022
GENETET, SANDRINE 3,001,637
GENKIN, DMITRY DMITRIEVICH 3,001,543
GENOME RESEARCH LIMITED 3,002,110
GENOV, ROMAN 3,001,746
GENZYME CORPORATION 3,001,364
GERMAIN, HUGO ROBERT DENUTTE 3,001,551
GERMANI, GABRIELE 3,001,468
GERSBACH, CHARLES A. 3,001,623
GERSZBERG, IRWIN 2,999,746
GERTNER, DMITRY ALEXANDROVICH 3,001,678
GHANBAR, SADEGH 3,001,921
GHARIB, HOSSAM 3,001,450
GHARIB, HOSSAM 3,002,143
GHOSH, DEBASHIS 3,001,902
GHOSH, DEBASHIS 3,001,999
GHOSH, INDRANEEL 3,001,958

GIAKOUMOPOULOS, MARIA 3,002,196
GIANNOUDIS, PETER 3,001,856
GIAQUINTO, GIUSEPPINA 3,002,076
GIBBS TECHNOLOGIES LIMITED 3,001,462
GIBBS, ALAN TIMOTHY 3,001,462
GIBSON, THOMAS MATTHEW MANN 3,001,899
GIJSEN, HENRICUS JACOBUS MARIA 3,001,768
GILL, MARK 3,001,948
GILLESPIE, ADAM 3,000,833
GILLIVER, DAVID 3,000,849
GIMENEZ MARINO, CRISTINA 3,002,123
GIMMI-MCKIM, CLAUDE 3,001,735
GINZBURG, PAUL 3,001,898
GIOVANNINI, RICCARDO 3,001,929
GIRGASH, JOSEPH M. 3,001,476
GIRGASH, JOSEPH M. 3,001,502
GIULIANOTTI, MARCELLO A. 3,001,882
GIUNTI DE OLIVEIRA, LUIZ CARMINE 3,001,505
GIUSEPPIN, MARCO LUIGI FEDERICO 3,001,548
GLASSBUSTERS LIMITED 3,002,126
GLAXOSMITHKLINE BIOLOGICALS S.A. 3,002,117
GLOCK, SUSANNE 3,002,060
GLOWAKY, RAYMOND C. 3,001,722
GOERING, ALAIN 3,002,115
GOLDBRECHT INC. 3,002,024
GOLEMBIEWSKI, RONALD D. 3,001,872
GOLONZHKA, OLGA 3,001,879
GOMEZ, ADOLFO 3,001,709
GONG, JIAN 3,001,616
GONZALEZ COLOMA, AZUCENA 3,002,123
GONZALEZ, JESUS ANTONIO ROMERO 3,002,091
GOODSTAL, SAMANTHA M. 3,001,735
GOODWIN, GEORGE B. 3,001,685
GOOGLE LLC 3,001,672
GOOGLE LLC 3,001,730
GOOGLE LLC 3,001,731
GOOGLE LLC 3,001,741
GOOGLE LLC 3,001,888
GORDON-KAMM, WILLIAM JAMES 3,001,681
GOSNELL, DENISE 3,001,912
GOSNELL, DENISE K. 3,002,032
GOTOU, TETSUROU 3,001,439
GRAHAM, CURT T. 3,001,624
GRANATA, ALYSA LAUREN 3,001,537
GRANATA, ALYSA LAUREN 3,001,647
GRANT, ROBERT 3,001,524
GRANT-YOUNG, KATHARINE A. 3,002,008
GRASSMANN, SIMON 3,001,507
GRAWUNDER, ULF 3,001,941
GRAY, JOHN T. 3,001,594
GRAY, MELISSA M. 3,002,196
GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI 3,001,750
GREEN, BRIAN 3,001,692
GREGORY, BENJAMIN J. 3,001,560
GREINWALD, ROLAND 3,001,435
GRESTENBERGER, GEORG 3,002,116
GRIFFITHS, GEORGE 3,002,122
GRIFFITHS-JONES, CHARLOTTE MARY 3,001,799
GRIMM, JOHN P. 3,002,244
GRITSKEVITCH, INNOKENTY 3,001,432
GROENDAHL, CHRISTIAN 3,002,125
GROSSI, FEDERICO 3,001,128
GROVER, BENJAMIN A. 3,001,887
GRUNENTHAL GMBH 3,001,949
GRUNWALD, JEFFREY 3,001,475
GRUPO BIMBO, S.A.B. DE C.V. 3,001,965
GUARDHAT, INC. 3,002,016
GUIDA, GIUSEPPE 3,001,501
GUIGAL, PIERRE-MICHEL 3,001,340
GUILLAUME, FRANCOIS 3,001,426
GUILLOUX, CYRIL 3,001,762
GULBRANDSEN, PEDER J. 3,002,053
GUPTA, GRANDHI VENKAT RAM KRISHNA MOHAN 3,001,890
GUYONNET, BENOIT 3,001,426
GWF MESSSYSTEME AG 3,002,128
H. LUNDBECK A/S 3,001,766
HADD, ANDREW 3,002,088
HAEFLIGER, KATHRIN 3,001,501
HAEFLIGER, OLIVIER 3,001,638
HAEHNLE, HANS-JOACHIM 3,001,757
HAERTEL, SVEN 3,001,764
HAGLEITNER, HANS GEORG 3,001,652
HAJAKIAN, PAULA 3,002,046
HAJIBEYGI, HADI 3,001,187
HAKATEYAMA, SHINJI 3,001,654
HALDER, ARINDAM 3,001,955
HALDER, ARINDAM 3,001,957
HALDOR TOPSOE A/S 3,001,767
HALKEY-ROBERTS CORPORATION 3,002,146
HALL, DAVID 3,001,592
HALL, DOUGLAS B. 3,001,476
HALL, DOUGLAS B. 3,001,502
HALL, JONATHAN 3,001,607
HALL, THOMAS 3,002,096
HALLIBURTON ENERGY SERVICES, INC. 3,001,449
HALLIBURTON ENERGY SERVICES, INC. 3,001,450
HALLIBURTON ENERGY SERVICES, INC. 3,001,458
HALLIBURTON ENERGY SERVICES, INC. 3,001,556
HALLIBURTON ENERGY SERVICES, INC. 3,001,680
HALLIBURTON ENERGY SERVICES, INC. 3,001,837
HALLIBURTON ENERGY SERVICES, INC. 3,001,989
HALLIBURTON ENERGY SERVICES, INC. 3,002,143
HALLIBURTON ENERGY SERVICES, INC. 3,002,147
HAMBLIN, KYLE J. (DECEASED) 3,001,348
HAMILTON, SAMUEL 3,001,463
HAMPAPURAM, HARI 3,002,096
HAMPEL, KARL GEORG 3,002,071
HAN, AISHAN 3,001,444
HAN, LINA 3,001,880
HANEBUTH, HENNING 3,001,754
HANGZHOU CHIC INTELLIGENT TECHNOLOGY CO., LTD. 3,001,427
HANLIM PHARMACEUTICAL CO., LTD. 3,001,547
HANSEL, THOMAS 3,001,473
HANSES SAGEWERKSTECHNIK GMBH & CO. KG 3,001,769
HANSES, JOSEF 3,001,769
HANZLIK, KRISTIN 3,001,975
HANZLIK, KRISTIN 3,001,979
HARALAMBIDIS, COSMO 2,999,710
HARIRI, ROBERT J. 3,002,066
HARMS, STEPHAN 3,001,515
HARNISCHFEGER TECHNOLOGIES, INC. 3,002,101
HARPOON MEDICAL, INC. 3,002,211
HARRAH, TIMOTHY P. 3,001,733
HARRIMAN, MERRILL 3,001,782
HARRIMAN, MERRILL 3,001,790
HARRIMAN, MERRILL 3,001,801
HARRINGTON, DAVID LAMAR 3,001,805
HARRINGTON, DAVID LAMAR 3,001,813
HARRINGTON, DAVID LAMAR 3,001,972
HARRINGTON, DAVID LAMAR 3,001,973
HARRINGTON, DAVID LAMAR 3,001,978
HARRINGTON, DAVID LAMAR 3,001,982
HARRINGTON, JOHN C. 3,001,674
HARRIS, ASHLEY 3,001,475
HARRIS, NATHAN CRAIG 3,001,805
HARRIS, NATHAN CRAIG 3,001,813
HARRIS, NATHAN CRAIG 3,001,972
HARRIS, NATHAN CRAIG 3,001,973
HARRIS, NATHAN CRAIG 3,001,978
HARRIS, NATHAN CRAIG 3,001,982
HARTMAN, MICHAEL JAMES 3,002,022
HASENOEHRL, ERIK JOHN 3,001,492
HASHINO, ERI 3,002,162
HASSAN, MAHMOUD 3,002,142
HASSANZADEH, ARMIN 3,001,471
HASTINGS, CRAIG 3,001,681
HATHAWAY, COLLEEN MARIE 3,001,849
HAUBENHOFER, DIETMAR 3,001,496
HAWKINS, SAMUEL P., III 3,001,914
HAYAKAWA, YUUKI 3,002,139
HAYES, GERALD R. 3,001,867
HAYES, MARK EAMON 3,001,467
HE, XIU-FENG 3,001,638

HEALD, REBECCA 3,001,683
HEALTH RESEARCH, INC. 3,001,817
HEARTLEIN, MICHAEL 3,001,852
HEDSTROEM, PETER 3,001,663
HEERSEMA, MICHIEL 3,001,936
HEIGHTMAN, THOMAS DANIEL 3,001,799
HEINLA, AHTI 3,001,500
HELLENBRAND, CHRISTOPH 3,001,751
HELLSTROM, STEFAN 3,001,938
HENNING, FRAUKE 3,001,930
HENNING, FRAUKE 3,001,931
HENRIKSEN, KIM ANDRE 3,001,470
HENRY, DAVID 3,001,514
HENRY, PAUL SHALA 2,999,746
HENSLEY, ANTHONY QUINN 3,001,133
HENZLER, GREGORY W. 3,001,564
HERA, MARK A. 3,001,733
HERNANDEZ JIMENEZ, JOSE DE JESUS 3,001,965
HERNANDEZ LOPEZ, LUIS ANGEL 3,001,965
HESLOUIS, MELANIE 3,001,635
HESLOUIS, MELANIE 3,001,642
HESLOUIS, MELANIE 3,001,645
HESLOUIS, MELANIE 3,001,646
HESLOUIS, MELANIE 3,001,719
HESLOUIS, MELANIE 3,001,762
HEWAWASAM, PIYASENA 3,002,008
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,961,941
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,961,946
HEXAGON TECHNOLOGY AS 3,001,498
HEY LET'S TRAIN, LLC 3,002,231
HICKS, JAKE THOMAS 3,002,111
HIES, THOMAS WERNER 3,002,128
HIGUCHI, YOSHIHIRO 3,001,964
HILDEBRAND, DANIEL 3,001,477
HILGERS, ANDREW J. 3,001,560
HILL, BRUCE 3,001,716
HILL, RYAN EDWARD 3,001,596
HILTI AKTIENGESELLSCHAFT 3,001,501
HILTI AKTIENGESELLSCHAFT 3,001,531
HILTI AKTIENGESELLSCHAFT 3,001,535
HIRATA, TAKUYA 3,001,826
HIRATA, TAKUYA 3,001,968
HO, CASEY KWOK CHING 3,001,730
HO, NGA 3,001,621
HOBSON, SCOTT 3,001,929
HOCHMAN, MARK N. 3,002,028
HODGES, TIMOTHY R. 3,001,484
HODSDON, JERRY 3,001,909
HOENKE, CHRISTOPH 3,001,929
HOERSTER, GEORGE J. 3,001,681
HOFFMAN, TIMOTHY Z. 3,001,482
HOFGARTNER, WOLFGANG 3,002,066
HOFSTATTER, HERBERT 3,001,493
HOG, DANIEL 3,001,085
HOLLAND, TROY VERNON 3,001,656
HOLLAR, SETH EDWARD-AUSTIN 3,001,490
HOLLOWOOD, CHRIS 3,002,125
HOLLY, THOMAS 3,001,618
HOME BOX OFFICE, INC. 3,002,055
HONG, KUK KI 3,001,675
HONG, KWON PYO 3,001,676
HONG, LE-HOA 3,001,909
HONG, SO YEON 3,001,675
HOPKINS, ANDREW 3,001,838
HOPPER, ALLEN T. 3,001,766
HORI, MASAHARU 3,001,976
HORIMASA CITY FARM INC. 3,001,976
HORIUCHI, AYAKO 3,001,807
HORN, JILLIAN M. 3,001,739
HORTON, ANTHONY R. 3,001,451
HORTON, PETER J. 3,002,044
HORTON, ROBERT 3,001,916
HORVATH, ROBERT 3,002,022
HORWITZ, DANIEL 3,001,856
HOTTEBART, FRANCOIS 3,002,201
HOUDE, AJAY Y. 3,001,805
HOUDE, AJAY Y. 3,001,813
HOUDE, AJAY Y. 3,001,972
HOUDE, AJAY Y. 3,001,973
HOUDE, AJAY Y. 3,001,978
HOUDE, AJAY Y. 3,001,982
HOUGHTEN, RICHARD A. 3,001,882
HOUSTON, MATTHEW WATSON 3,001,462
HOWARD, HENRY E. 3,001,522
HOWARD, HENRY E. 3,001,559
HOWARD, HENRY E. 3,001,561
HOWARD, HENRY E. 3,001,564
HOWARD, KEVIN BRENT 3,001,687
HOWARD, KEVIN BRENT 3,001,690
HOWARD, STEVEN 3,001,799
HOWELL, JORDAN 3,002,093
HU, OLIVIA 3,001,906
HUANG, CHOW-CHI 3,002,012
HUANG, CHOW-CHI 3,002,017
HUANG, CHUHUI 3,001,452
HUANG, MENG 3,001,750
HUAWEI TECHNOLOGIES CO., LTD. 3,001,740
HUBERT, ANTOINE 3,001,830
HUCK, BAYARD R. 3,001,735
HUCZEK, DENNIS L. 3,002,214
HUDDART, MARTIN 3,002,197
HUECK RHEINISCHE GMBH 3,001,639
HUGHES, TIMOTHY 3,001,942
HUMBERT, BRAD 3,001,688
HUMPHRIES, MARTIN 3,001,804
HUNDEMER, HANK J. 3,001,474
HUNDEMER, HANK J. 3,001,480
HUNTSMAN INTERNATIONAL LLC 3,001,503
HUTCHISON, GREGORY S. 3,001,732
HYDE, AIDAN 3,001,213
HYDER, NASIM 3,002,075
HYER, DANIEL KIRK 3,001,697
HYUN, SEOK-HEE 3,002,168
IACCINO, LARRY L. 3,001,494
IFP ENERGIES NOUVELLES 3,001,815
IKEA SUPPLY AG 3,001,466
ILTOO PHARMA 3,001,429
IMFLUX INC. 3,002,012
IMFLUX INC. 3,002,017
INARI MEDICAL, INC. 3,002,154
INBIOS INTERNATIONAL, INC. 3,001,918
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 3,002,162
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 3,002,164
INDIVIOR UK LIMITED 3,001,649
INFLATABLE PACKERS INTERNATIONAL PTY LTD 3,001,629
INGEVITY SOUTH CAROLINA, LLC 3,001,600
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 3,001,637
INSTITUT NATIONAL TRANSFUSION SANGUINE 3,001,637
INSTITUT PASTEUR 3,001,340
INTERMETRO INDUSTRIES CORPORATION 3,002,107
INTREXON CORPORATION 3,001,590
INTUIT INC. 3,001,453
INVESTCLOUD INC. 3,002,041
INVETECH, INC. 3,001,302
IP FULL ASSET LIMITED 3,001,229
IPSEN BIOPHARM LTD. 3,001,467
IRUKAYAMA, YOKO 3,001,658
ISHITSUKA, TETSUO 3,001,529
ISLAM, IMADUL 3,001,890
ISLAM, IMADUL 3,001,894
ITO, MOTOAKI 3,001,821
IWAKAWA, SARI 3,001,444
IWAMOTO, SHUJI 3,001,529
IWASAKI INDUSTRY INC. 3,002,139
IWASAKI, YOSHIHISA 3,002,139
IYOMASA, KAZUHIRO 3,001,095
J&J SOLUTIONS, INC. D/B/A CORVIDA MEDICAL 3,001,858
J.R. SIMPLOT COMPANY 3,000,739
J.R. SIMPLOT COMPANY 3,000,750
JACKSON, BRICE AARON 3,001,458
JACKSON, RICHARD 3,001,987
JACOBSEN, JOHN R. 3,001,542
JACQUEMET, CHRISTIAN 3,001,508
JAGTAP, PRAKASH 3,001,667
JAISWAL, HIMJYOT 3,001,518
JALONEN, HARRY 3,001,752
JAMES, DARREN IVOR 3,001,781
JAMISON, DALE E. 3,001,458
JANKOVIC, VLADIMIR 3,002,066
JANKOWFSKY, ERIC 3,002,118
JANKOWSKI, PEGGY 3,002,119

JANSSEN PHARMACEUTICA NV 3,001,768
JANTZ, DEREK 2,997,909
JARNAGIN, ANDREW 3,002,025
JARPE, MATTHEW B. 3,001,879
JAYANTH, JAYANTHY 3,002,220
JENSEN, RASMUS OVERGAARD 3,001,596
JEON, JIN WOO 3,001,675
JEROMENOK, JEKATERINA 3,001,531
JEROMENOK, JEKATERINA 3,001,535
JEWELL, DENNIS W. 3,001,582
JIANG, JI 3,001,974
JIANG, LAN 3,001,542
JIANG, YIMIN 3,002,144
JIANGSU NHWALUOKANG PHARMCEUTICAL RESEARCH AND DEVELOPMENT CO., LTD. 3,001,431
JINAN SHENGQUAN GROUP SHARE HOLDING CO., LTD. 3,001,424
JINKA, CHANDRA 2,999,714
JINNO, HIROKI 3,001,439
JOHANSEN, KARE-JAN 3,001,632
JOHNSON & JOHNSON CONSUMER INC. 3,001,619
JOHNSON & JOHNSON CONSUMER INC. 3,001,881
JOHNSON & JOHNSON CONSUMER INC. 3,001,884
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 3,001,468
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 3,001,506
JOHNSON MATTHEY PUBLIC LIMITED COMPANY 3,001,651
JOHNSON, JAMES A. 3,001,974
JOHNSON, LESTER B. 3,001,530
JOHNSON, LORIN K. 3,002,137
JOHNSON, MARK 3,002,111
JOKINEN, MIKA 3,001,752
JOLIVET, VALERIE 3,001,645
JOLIVET, VALERIE 3,001,646
JOLIVET, VALERIE 3,001,648
JONES, DWAYNE 3,001,213
JONES, GARRY 3,001,700
JONES, NICHOLAUS A. 3,001,421
JORDAN, MARTIN 3,002,120
JORE, LINCOLN 3,001,614
JOSHI, NITIN 3,001,423
JT INTERNATIONAL SA 3,001,948
JUE, CAMERON 3,002,172
JUHL, MARTIN 3,001,766
JUMINAGA, DARMAWI 3,001,596
JUNG, ULRICH 3,001,499
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 3,001,294
KADALI, JYOTHI 3,001,504
KADANT LAMORT 3,001,428
KADIYALA, SUDHAKAR 3,001,712
KAEHLER, ADRIAN 3,001,682
KAFKA, HENRY 2,999,746
KAHLEN, SUSANNE 3,002,116
KAHOOK, MALIK Y. 3,002,085
KAISER, MICHAEL W. 3,002,196
KAISER, NANCY-HOPE E. 3,001,721
KALER, STEPHEN G. 3,001,574
KALYANKAR, VARSHA 3,001,861
KAMAE, TOSHIYA 3,001,445
KAMAE, TOSHIYA 3,001,532
KAMATH, APURV ULLAS 3,002,096
KAMINSKI, ANDREW 3,001,760
KAMIYA, RYUTA 3,001,294
KAMMER, PATRICK 3,001,169
KANA, GREGORY COOKE 3,001,898
KANE, DAVID 3,001,780
KANEDA, HAYATO 3,001,536
KANG, LIN 3,002,066
KANNAN, GOKULNATH COIMBATORE 3,001,657
KAO CORPORATION 3,001,810
KAO CORPORATION 3,001,821
KARLES, GEORGIOS D. 3,001,446
KARNATI, RANGARANI 3,001,717
KARP, JEFFREY 3,001,423
KARUNARATNE, KANCHANA SANJAYA GUNESEKERA 3,002,244
KASEMSUWAN, TUNYAWAT 3,001,829
KASIBHATLA, SHAILAJA 3,001,482
KATO, ATSUSHI 3,001,439
KATO, YASUMASA 3,001,662
KAUSHIK, NUTAN 3,002,123
KAWAMOTO, SHIORI 3,001,447
KAWANO, HIDETO 3,001,529
KEATING, THOMAS M. 3,001,618
KEAVENEY, LUKE PATRICK 3,001,736
KEELING TECHNOLOGIES INC. 3,001,677
KEELING, ADAM 3,001,677
KEHRER, KENNETH P. 3,001,840
KELLER, THOMAS 3,001,707
KELLER, THOMAS HUGO 3,001,452
KELLER, THOMAS L. 3,001,700
KEMIRA OYJ 3,001,305
KEMMLER, STEFAN JOCHEN 3,002,117
KENDALL, NOEL 3,001,900
KENVIN, LAURIE 3,002,068
KENVIN, LAURIE A. 3,002,029
KERN, THOMAS 3,002,024
KESPER, KEVIN 3,001,467
KEULEERS, ROBBY RENILDE FRANCOIS 3,001,551
KEULEERS, ROBBY RENILDE FRANCOIS 3,001,552
KEZIRIAN, MICHAEL T. 3,001,361
KHOPADE, AJAY JAYSINGH 3,001,955
KHOPADE, AJAY JAYSINGH 3,001,957
KIDD, JACK 3,001,469
KIEFFER, BRADLEY JOSEPH 3,001,544
KIEFFER, BRADLEY JOSEPH 3,001,546
KIEFFER, BRADLEY JOSEPH 3,001,553
KIEFFER, BRADLEY JOSEPH 3,001,554
KILBURN, JOHN PAUL 3,001,766
KIM, HEUNG-MOOK 3,001,545
KIM, HOON 3,001,866
KIM, HYUN-KYU 3,001,547
KIM, JEONG HYUN 3,001,675
KIM, LORI 3,002,038
KIM, SOONG-HOON 3,001,974
KIM, YUNTAE 3,001,666
KIMBERLY-CLARK WORLDWIDE, INC. 3,001,822
KIMBERLY-CLARK WORLDWIDE, INC. 3,001,827
KIMURA, TAKAHIRO 3,001,528
KINSEY, JAMES 3,001,110
KIRKEMO, AARON K. 3,001,733
KIRPOTIN, DMITRI B. 3,001,467
KISHI, NORIMASA 3,001,287
KITE PHARMA, INC. 3,001,613
KLEIN, THEODORE M. 3,001,681
KLICKSTEIN, LLOYD B. 3,001,654
KLIMA, RODNEY F. 3,001,870
KLING, ANDREW LEE DAVID 3,001,782
KLING, ANDREW LEE DAVID 3,001,790
KLING, ANDREW LEE DAVID 3,001,801
KLINGNER, MATTHIAS 3,001,190
KLINGSPOR, ALEXANDER 3,002,114
KLINKER, ERIC J. 3,001,471
KLUG, MICHAEL ANTHONY 3,001,682
KLUJ, ESTHER RAHEL 3,001,531
KLUJ, ESTHER RAHEL 3,001,535
KLUNDUK, MAREK 3,001,758
KNIGHT, ROBERT DOUGLAS 3,002,029
KNIGHT, ROBERT DOUGLAS 3,002,068
KNOEPFLE, DANIEL 3,001,607
KNOERZER, KAI 3,001,829
KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH 3,001,190
KNOTT, WILFRIED 3,001,930
KNOTT, WILFRIED 3,001,931
KOBAYASHI, HISASHI 2,999,734
KOBAYASHI, MAKOTO 3,002,136
KOBAYASHI, SHUNICHI 3,001,529
KOBOLD, SEBASTIAN 3,001,507
KOCH, HUBERT 3,001,925
KOCHENDERFER, JAMES N. 3,002,000
KOCKLAR, MATTHIAS 3,001,515
KODJO, ANGELI 3,001,340
KOEFOD, ROBERT SCOTT 3,001,133
KOEHLER, KARL R. 3,002,162
KOEHLER, KARL R. 3,002,164
KOENIGS, RENE MICHAEL 3,001,949
KOEPKE, MICHAEL 3,001,596
KOERNER, SEBASTIAN 3,001,733
KOHLER, KATHERINE YERRE 3,002,096
KOHN, STEVE 3,001,575
KOMATSU LTD. 3,001,525
KOMATSU LTD. 3,001,959
KOMATSU LTD. 3,001,963
KOMATSUZAKI, YUJI 3,001,095
KOMURA, FUMIYA 3,001,964
KONOPLEVA, MARINA YURIEVNA 3,001,880
KOPSIDAS, GEORGE 3,001,676
KORTYLEWSKI, MARCIN TOMASZ 3,001,723
KOSAKA, NORIO 3,001,436
KOSTIC, NEBOJSA 3,001,837
KOTANKO, PETER 3,001,622

KOUKOULAS, IRENE 3,001,676
KOVAC, KRESIMIR 3,002,152
KOWARIK, MICHAEL THOMAS 3,002,117
KOYAMA, YOSHITAKA 3,001,447
KOZYUK, OLEG 3,001,460
KRALLMANN KUNSTSTOFFVERARBEITUNG GMBH 3,001,748
KRAUS, HEINZ 3,001,927
KRAUS, JAN P. 3,001,625
KRAUS, KEVIN 3,002,197
KRAUSE, OLIVER 3,001,190
KREISEL ELECTRIC GMBH & CO KG 3,001,520
KREISEL JUN., JOHANN 3,001,520
KREISEL, MARKUS 3,001,520
KREISEL, PHILLIP 3,001,520
KRISHNAMURTHY, PUSHKALA 3,001,680
KROEGER-LUI, NIELS 3,001,763
KUBIT, KEVIN 3,001,688
KUCERA, JEFFREY R. 3,001,614
KUJAWA, PIOTR 3,002,214
KULKARNI, RAHUL VILAS 3,001,298
KUMAR, SURESH 3,001,760
KUMKANOKRAT, WARAPORN 3,001,829
KUO, YA-HUEI 3,001,723
KUPER GMBH & CO. KG 3,001,516
KUPER, ROLAND 3,001,516
KURANI, SHASHIKANT PRABHUDAS 3,001,526
KURZEJA, DIETMAR 3,001,497
KUSAYANAGI, YOSHINORI 3,001,287
KUTZA, CHRISTIAN 3,001,927
KUUSELA, AKI 3,001,672
KWON, SUN-HYOUNG 3,001,545
KYPHON SARL 3,001,876
KYRITSIS, THOMAS 3,001,760
L&B PATENT INC. 2,995,296
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 3,001,788
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 3,001,791
LA ROTA, CARLOS M. 3,001,681
LABEQUE, REGINE 3,001,551
LACARRIERE, VALERIE CLAUDINE 3,001,514
LACRET PIMIENTA, RODNEY 3,002,123
LAGUATAN, ROSELD V. 3,002,093
LAI, GEOFF 3,001,898
LAKHCHAF, NACER 3,001,645
LAKHCHAF, NACER 3,001,646
LAKHCHAF, NACER 3,001,648
LAMA, SANJU 3,001,724
LAMBERT, ROBERT 3,001,640
LAMINAHEAT HOLDING LTD. 3,001,643
LAMSAL, SANJAY 3,002,007
LAN, QIANG 3,001,680
LANDSCAPE STRUCTURES INC. 3,001,700
LANDSCAPE STRUCTURES INC. 3,001,707
LANE, ANDREW B. 3,001,683
LANE, MICHAEL RAY 3,002,150
LANG, CHRIS 3,001,469
LANGLEY, DAVID R. 3,002,008
LANZATECH NEW ZEALAND LIMITED 3,001,596
LAREDO, WALTER R. 3,001,656
LAROCHE, CHRISTOPHE R. 3,001,471
LARSEN, GLENN R. 3,001,853
LARSEN, GLENN R. 3,001,857
LATINA, MARK A. 3,001,534
LAW, ERIC 3,002,066
LAW, KOK HERN 3,001,861
LAWLEY, TREVOR D. 3,002,110
LAWRENCE, ADDISON LEE 2,995,296
LAWRENCE, R. MICHAEL 3,001,974
LE CORVEC, MAENA 3,001,426
LE NEEL, DIDIER 3,001,939
LEE, ABRAHAM P. 3,001,570
LEE, CHANG SIK 3,001,666
LEE, DAVID M. 3,001,549
LEE, DO-HYUN 3,001,570
LEE, JAE-YOUNG 3,001,545
LEE, JAEMOON 3,002,144
LEE, JAEYOUNG 3,001,666
LEE, JIYOON 3,002,164
LEE, JOHN 3,001,710
LEE, STEPHEN W. 3,001,876
LEE, TED TANG 3,002,099
LEI, MING 3,001,621
LEINO, LASSE 3,001,752
LELY PATENT N.V. 3,002,140
LEMOINE, ROMAIN O.V. 3,001,494
LEPAGE, ALBERT A. 3,001,451
LEPPINEN, JAAKKO 3,001,086
LERCHL, JENS 3,001,975
LERCHL, JENS 3,001,979
LES PRODUITS NEPTUNE INC. 3,001,737
LESLIE, CHRISTOPHER DAVIS 3,001,860
LETTIERI, GREGORY 3,001,612
LEVEL 3 COMMUNICATIONS, LLC 3,001,422
LEVER, ALEXANDER JONATHAN 3,001,947
LEVITON MANUFACTURING CO., INC. 3,002,040
LEVITON MANUFACTURING CO., INC. 3,002,042
LEWIS, NATHAN 3,001,477
LEYARD OPTOELECTRONIC CO., LTD. 3,001,430
LI, JING 3,002,144
LI, JUNYI 3,002,071
LI, PAN 3,001,638
LI, QINGENG 3,001,431
LI, SAN 3,001,446
LI, WEILING 3,001,780
LI, XUAN 3,001,570
LI, ZEJIANG 3,001,631
LI, ZHIYING 2,987,126
LIDGARD, GRAHAM P. 3,002,196
LIE, WEI CHEN 3,001,861
LIENAU, PHILIP 3,001,085
LIEW, SI SI 3,001,452
LIFECELL CORPORATION 3,002,078
LIGONESCHE, RENAUD 3,001,788
LIGONESCHE, RENAUD 3,001,791
LIIVIK, IVO 3,001,500
LIIVIK, MART 3,001,500
LIIVIK, TIIT 3,001,500
LIM, SUEANN 3,001,565
LIMA GARCIA, JORGE 3,001,503
LIMBERT, DEAN 3,001,469
LIMEM, SKANDER 3,002,062
LIMSETH, FINN 3,001,632
LINDHE, PAR 3,001,760
LINDSAY, BRETT 3,000,849
LINDSAY, NORMA 3,002,021
LIPOMEDIX PHARMACEUTICALS LTD. 3,001,699
LIPOWICZ, PETER 3,001,780
LITTORAL POWER SYSTEMS INC. 3,001,835
LIU, BING 3,001,655
LIU, DING 3,001,424
LIU, ERIC WEN-BO 3,001,638
LIU, HONG 3,001,910
LIU, SONG 3,001,921
LIU, XIA 3,001,750
LOCKE, CHRISTOPHER 3,002,078
LOCKWOOD, CHRISTOPHER JAMES 3,001,745
LONG, JERRY T. 3,001,733
LONG, LI 3,001,910
LONGDILL, SIMON JAMES 3,001,462
LONGO-SCHEDEL, DANIELA 3,001,757
LONZA LIMITED 3,001,761
LONZA LTD. 3,001,916
LOPES FERREIRA, NICOLAS 3,001,815
LOPEZ CONTRERAS, ANA 3,001,815
LORING, GRETA L. 3,001,572
LORRACHER, TOBIAS 3,001,933
LOSCRUDATO, FRANK S. 3,002,057
LOSCUTOVA, RYAN 3,002,072
LOUW, JACOB F. 3,002,154
LOVEJOY, GARRETT 3,002,197
LOWE, KEITH S. 3,001,681
LOWE, RANDALL D. 3,001,616
LU, JIANXIN 3,001,989
LU, JINGWEI 3,001,910
LU, LIDA 3,001,840
LU, XIJIA 3,001,841
LU, ZHEN 2,987,126
LUBRIZOL ADVANCED MATERIALS, INC. 3,001,913
LUCIUS, ANITA PERMATASARI 3,001,928
LUCKING, ULRICH 3,001,085

LUDWIG-MAXIMILIANS-UNIVERSITAT MUNCHEN 3,001,507
LUEBKE, CHARLES P. 3,001,739
LUGOVSKOY, ALEXEY ALEXANDROVICH 3,002,097
LUHMANN, NADIA 3,002,119
LUIGI LAVAZZA S.P.A. 3,001,650
LUKYANOV, ALEXANDER 3,001,187
LUMENDI LTD. 3,001,755
LUO, LAIBIN 3,002,214
LUO, WENXIN 3,001,231
LUONG, TRUNG DUNG 3,002,128
LURIE, KEITH G. 3,002,244
LUSVARDI, KATE MARRITT 3,001,674
LUTRON ELECTRONICS CO., INC. 3,001,456
LUTTGE, WOLFGANG 3,001,944
LYON, GREGORY 3,001,858
MAAT, CLIFFORD A. 3,001,739
MACBETH, KYLE 3,002,029
MACBETH, KYLE J. 3,002,068
MACDONALD, MICHAEL A. 3,001,560
MACKS, ANDREW 3,001,500
MACLEOD, NORMAN 3,001,468
MACOR, JOHN E. 3,001,890
MACOR, JOHN E. 3,001,894
MACRO TECHNOLOGY INC. 3,001,486
MAGGLOBAL, LLC 3,001,877
MAGIC LEAP, INC. 3,001,682
MAHAFFEY, CLEARY E. 3,001,822
MAHALINGAM, AARTHI 3,002,096
MAHMOOD ALI, ABDULLAH 3,001,859
MAHMOUDI, SEYED REZA 3,002,075
MAIN, JONATHAN JAMES 3,002,003
MAJTAN, TOMAS 3,001,625
MAKAL, UMIT G. 3,001,913
MALONEY, MICHAEL J. 3,002,159
MANABE, TOSHIYUKI 3,001,966
MANAVALAN, ARIVUKKARASU 3,001,803
MANDRE, INDREK 3,001,500
MANGOLD, RAINER 3,002,121
MANN, DAVID 3,002,151
MANNO, JOSEPH 3,002,244
MANSOUR, GEORGE MICHEL 3,002,014
MANTELL, LEE ROY 3,001,803
MANUEL, SCOTT RYAN 3,002,235
MANZO, STEPHEN 3,002,153
MAQUET CARDIOPULMONARY GMBH 3,001,213
MARCHAND, ALEXANDRE 3,001,737
MARCHAND, PHIL 3,002,154
MARCUCCI, GUIDO 3,001,723
MARESCA, MARCELLO 3,001,518
MARIA, KAREL JOZEF DEPOOT 3,001,551
MARIAU, JEREMIE 3,001,429
MARIE, SARAH 3,001,648
MARIGO, MICHELE 3,001,506
MARIGO, MICHELE 3,001,651
MARIN, FRANCESCO 3,002,132
MARINUS PHARMACEUTICALS, INC. 3,001,722
MARONEY, RICHARD 3,001,862
MAROUZE, JEAN-PHILIPPE 3,001,523
MARROUM, PATRICK J. 3,002,220
MARSCHALKO, CORNELL S. 3,001,557
MARTIN, BRIAN ALEXANDER 3,001,753
MARTIN, GUILLAUME 3,001,201
MARTIN, GUILLAUME 3,001,204
MARTIN, SCOTT THOMAS 3,001,841
MARTIN, STEPHEN F. 3,001,484
MARTIN, WILLIAM D. 3,001,725
MARTINEZ DORANTES, ARTURO 3,001,965
MARTINSON, ALLAN 3,001,500
MARUYAMA, KENJI 3,001,436
MASS. ELECTRIC CONSTRUCTION CO. 3,001,487
MASSACHUSETTS EYE AND EAR INFIRMARY 3,001,661
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,002,075
MASSON, NICHOLAS BANTLE 3,001,353
MASTER LOCK COMPANY LLC 3,001,714
MASTERCARD INTERNATIONAL INCORPORATED 3,001,902
MASTERCARD INTERNATIONAL INCORPORATED 3,001,999
MASTERCARD INTERNATIONAL INCORPORATED 3,002,003
MASTNY, JONATHAN DANIEL 3,001,758
MASTROIANNI, ALEXANDER J. 3,001,616
MATELSKE, DUKE P., II 3,001,614
MATHIEU, JOERG 3,002,060
MATICHUK, BRUCE 3,001,628
MATTHEWS, MARK 3,001,544
MATTHEWS, MARK 3,001,546
MATTHEWS, MARK 3,001,553
MATTHEWS, MARK 3,001,554
MATTHIES, CHRISTIANE 3,001,925
MATURA, MICHAEL 3,002,119
MAUL, CHRISTOPHER 3,001,697
MAURER, MARC 3,001,508
MAY, JONATHAN 3,001,942
MAYER, PETER T. 3,002,220
MAYOU, PHIL 3,002,096
MAYR, LORENZ M. 3,001,518
MBDA UK LIMITED 3,001,653
MCAULEY, ALASTAIR EDWIN 3,001,615
MCBRIDE, JOHN D., JR. 3,002,093
MCCARTHY, DENNIS P. 3,001,685
MCCARTHY, JAMES 3,001,885
MCCLELLAND, PAUL 3,002,058
MCDONALD, MATTHEW PHILIP 3,001,456
MCEWEN, JASON M. 3,001,616
MCGEE, KEVIN 3,002,074
MCGEE, MEREDITH J. 3,002,033
MCGREAL, CHRIS 3,000,833
MCKIDD, NICOLA CAMPBELL 3,001,506
MCKIDD, NICOLA CAMPBELL 3,001,651
MCLEAN, PAUL J. 3,002,085
MCNEEL, THOMAS E. 3,001,511
MEACHAM, AMY M. 3,001,882
MEDART, DANIEL 3,001,213
MEDHAL, BHIMAPRASAD 3,002,038
MEDICAL MICROINSTRUMENTS S.P.A. 3,001,934
MEDICAL MICROINSTRUMENTS S.P.A. 3,001,935
MEDICAL MICROINSTRUMENTS S.P.A. 3,001,937
MEDICAL MICROINSTRUMENTS S.P.A. 3,001,940
MEDTRONIC MINIMED, INC. 3,001,887
MEGGITT AIRCRAFT BRAKING SYSTEMS CORPORATION 3,001,348
MEHMEDAGIC, ALEN 3,001,790
MEHMEDAGIC, ALEN 3,001,801
MEINDORFER, TANJA 3,001,501
MELTZER, HEBERT 3,002,070
MELVILLE, DOUGLAS 3,002,093
MENG, WEI 3,001,974
MENG, ZHAOXING 3,002,008
MENKE, JAMES C. 3,001,881
MENSINGER, MICHAEL ROBERT 3,002,096
MERCHANT, MARK 3,001,880
MERCK PATENT GMBH 3,001,735
MERCK PATENT GMBH 3,002,224
MERCK SHARP & DOHME CORP. 3,001,878
MERIAL, INC. 3,001,340
MERIAL, INC. 3,001,860
MERRILL, JOHN H. 3,001,609
MERRON, MATTHEW JAMES 3,002,147
MESURE-SYSTEMS3D 3,001,939
METSO SWEDEN AB 3,001,926
MICHAEL, LACHLAN BRUCE 3,001,292
MICHEL, GILDAS 3,001,426
MICHELI, FABRIZIO 3,001,649
MICROTAU IP PTY LTD 3,001,742
MIGHTY OAK MEDICAL, INC. 3,001,898
MIKROSCAN TECHNOLOGIES, INC. 3,002,148
MILESTONE SCIENTIFIC, INC. 3,002,028
MILLER, BYRD TYLER 3,001,475
MILLER, BYRD TYLER 3,001,608
MILLER, JOAN W. 3,001,661
MILLER, PAVEL T. 3,002,146
MILLET INNOVATION 3,001,988
MILLET, DAMIEN 3,001,988
MILLMAN, RYAN J. 3,001,610
MINAGAWA, MASANORI 3,001,525
MINAGAWA, MASANORI 3,001,963
MINERVAX APS 3,001,433

MINSKOFF, NOAH MARK 3,002,237
MITCHELL REPAIR INFORMATION COMPANY, LLC 3,001,530
MITKIDIS, GEORGIOS 3,001,434
MITSUBISHI ELECTRIC CORPORATION 3,001,095
MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD. 3,001,826
MITSUBISHI HEAVY INDUSTRIES ENGINEERING, LTD. 3,001,968
MITSUBISHI HITACHI POWER SYSTEMS EUROPE GMBH 3,001,764
MIYANO, SAORI 3,001,969
MIYAZAKI, YASUNOBU 3,001,442
MOBELE, BINGIDIMI ITUTE 3,001,850
MOGHADAM, SHAYAN 3,001,717
MOHAJER, HASSAN 3,001,832
MOHAMED, MOHAMED-ESLAM F. 3,002,220
MOHANTY, RASHMI RANJAN 3,001,298
MOHINDRA, ATUL 3,001,761
MOILANEN, JARI 3,001,086
MOLDOVEANU, NICOLAE 3,002,155
MOLENA, ELENA 3,001,521
MONDJINOU, YAWO 3,002,168
MONOSOL, LLC 3,001,549
MONOSOL, LLC 3,001,551
MONOSOL, LLC 3,001,552
MONROE, TERRY D. 3,001,854
MONTANUNIVERSITAT LEOBEN 3,001,493
MONTEIRO, DEEPAK 3,001,680
MOOIJ, CATHARINA MARIA ANTOINETTE 3,001,548
MOON, JUN OK 3,001,675
MOORE, DOUGLAS J. 3,001,467
MOORE, MATHEW 3,001,628
MOORE, MICHAEL LEVOZIER 3,002,096
MOORE, R. THOMAS 3,002,150
MORGENTHALER, FREDERIC 3,001,497
MORICK, SHELDON 2,977,192
MORLEY, ANDREW DAVID 3,001,789
MORRIS, JONATHAN 3,001,789
MORTAZAVI, AMIR 3,001,760
MORTENSEN, ERIK 3,001,671
MOSELEY, DOUGLAS D. 3,001,348
MOSKAL, JOSEPH R. 3,002,070
MOSS, JONATHAN 3,002,137
MOSTOVOY, ALEXANDER 3,001,953
MOTTERN, AARON 3,002,231
MOURO-CHANTELOUP, ISABELLE 3,001,637
MOURRE, DARREN EDWARD 3,002,150
MOUSTAKAS, PANAGIOTIS 3,001,659
MOWBRAY, MATHEW PETER 3,001,952
MTD PRODUCTS INC 3,001,614
MUDRICK, DAVID 2,977,192
MUELHEIMS, KERSTIN 3,001,774
MUELLER, ALEXANDER PAUL 3,001,596
MUELLER, THOMAS 3,001,765
MUKHERJEE, DEBARGHA 3,001,731
MUKHERJEE, DEBARGHA 3,001,888
MUKHERJEE, SIDDHARTHA 3,001,859
MULDOON, DAMIAN RAYMOND 3,001,736
MULHERN, MATHEW M. 3,002,220
MULL, ERIC 3,002,008
MULLER, MALTE 3,001,770
MUNN, CHRISTIE 3,002,157
MURPHY, BRIAN FERGUS 3,001,736
MURRAY, CHRISTOPHER WILLIAM 3,001,799
MYERS, CARL 3,002,226
MYERS, MICHAEL C. 3,001,974
NACAK, TANJU 3,001,435
NAFTEL, ANDREW JAMES 3,001,653
NAGASE, HIROSHI 3,001,658
NAGAVARAPU, ANANDA K. 3,001,336
NAGAYASU, HIROMITSU 3,001,826
NAGUMO, YASUYUKI 3,001,658
NAITO, YUTA 3,001,447
NAKAGAWA, TAKAYUKI 3,001,969
NAKAJIMA, MASAYUKI 3,001,864
NAKAJIMA, YUJI 3,001,528
NAN, SHUGONG 3,001,750
NAPPEY, PHILIPPE 3,001,801
NARAYAN, SRIDHAR 3,001,703
NATIONAL OILWELL VARCO, L.P. 3,001,538
NATIONAL RESEARCH COUNCIL OF CANADA 3,001,724
NATSUME, WAKA 3,001,533
NATURA COSMETICOS S.A. 3,001,920
NATUREX (SOCIETE ANONYME) 3,001,673
NAVA ORTIZ, CARLOS 3,001,965
NAVEEN, YESHWANTH 2,999,714
NAVITOR PHARMACEUTICALS, INC. 3,001,703
NBE-THERAPEUTICS AG 3,001,941
NDONG, ROSE 3,001,565
NEALSON, KENNETH H. 3,001,118
NEAU, XAVIER 3,002,201
NEEDHAM, JAMES WILLIAM 3,001,918
NELMS, DAVID MARTIN 3,001,544
NELMS, DAVID MARTIN 3,001,546
NELMS, DAVID MARTIN 3,001,553
NELMS, DAVID MARTIN 3,001,554
NELSON, VINCENT A. 3,001,995
NEMETHOVA, VERONIKA 3,001,994
NESS, ERIK D. 2,961,941
NESS, ERIK D. 2,961,946
NESTEC S.A. 3,001,758
NEUFARTH, RALPH EDWIN 3,002,012
NEUFARTH, RALPH EDWIN 3,002,017
NEUROCRINE BIOSCIENCES, INC. 3,002,074
NEVAKAR LLC 3,001,526
NEWHOUSE, NORMAN L. 3,001,498
NEWMAN, KATERINA V. 3,001,458
NEXEN ENERGY ULC 3,002,103
NG, SZE-SZE 3,002,194
NG, WEE BENG 3,002,131
NGO, KHAI DOAN THE 3,002,233
NGUYEN, NELSON 3,001,895
NICHOLSON, MICHAEL G. 2,997,909
NICOLAOU, KYRIACOS C. 3,002,027
NICOLI, JACQUES ROBERT 3,001,920
NICOSON, RICHARD 3,002,101
NII, SHINSUKE 3,001,549
NII, SHINSUKE 3,001,552
NIKE INNOVATE C.V. 3,001,345
NING, CHENXI 3,001,921
NINGBO HS-POWER DRIVE TECHNOLOGY CO. LTD 3,001,644
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,001,442
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,001,529
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,001,670
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,001,966
NIPPON STEEL & SUMITOMO METAL CORPORATION 3,001,971
NISHIHARA, JUN 3,001,095
NISSAN MOTOR CO. LTD 3,001,665
NISSAN MOTOR CO., LTD. 3,001,287
NISSAN MOTOR CO., LTD. 3,001,436
NISSAN MOTOR CO., LTD. 3,002,233
NISTICA, INC. 3,001,996
NOBLE, CHARLES 3,001,467
NOCKER, KARLHEINZ 3,001,962
NODIN TOOLS AS 3,001,632
NOJIMA, GERALDO 3,001,684
NOKURA, YOSHIHIKO 3,001,528
NOLAN, DAVID 3,001,838
NOPPARI, PANU 3,001,752
NORAMCO, INC. 3,001,689
NORDSTROEM, LARS F. 3,002,220
NORMAN, ISAAC A. 3,001,729
NORTHWESTERN UNIVERSITY 3,002,070
NORTON, DAVID 3,001,799
NOSTRUM ENERGY PTE. LTD. 3,002,057
NOVAK, MICHAEL 3,001,909
NOVARTIS AG 3,001,482
NOVARTIS AG 3,001,654
NOVARTIS AG 3,001,656
NOVARTIS AG 3,001,950
NOVARTIS AG 3,001,956
NOVELIS INC. 3,001,298
NOVELIS INC. 3,001,504
NOVELIS INC. 3,001,907
NOVELIS INC. 3,002,060
NUKALA, GAURAV R. 3,001,657
NUTT, MICHAEL O. 3,001,739
O'BRIEN, ANDREW J. 3,001,467
O'HARA, STEPHEN 3,001,539
O'HARA, STEPHEN PATRICK 3,001,472
O'KEEFE, JONATHAN 3,001,755
O'KEEFFE, ERIC 3,000,875
O'NEILL, DAVID JOHN 3,001,703
O'REILLY, MARC 3,001,799
OBERHAUSER, ALEX 3,002,034
OCEANA ENERGY COMPANY 3,001,696
ODERKERK, JEROEN 3,001,938

ODONNELL, PENROSE 3,001,711
OGATA, TOSHIYUKI 3,001,529
OH, JUNG TAEK 3,001,666
OHANA, PATRICIA 3,001,699
OHL, CLAUS-DIETER 3,002,128
OKADA, TOHRU 3,001,442
OKAMOTO, SHINICHI 3,001,826
OKANO, YASUTAKA 3,001,532
OLIVERI, DOUGLAS 3,001,780
OLIVIER, ERIC J. 3,001,600
OLIVIER, SANDRA 3,001,829
OMYA INTERNATIONAL AG 3,001,508
ONICIU, DANIELA, CARMEN 3,001,627
ONIONS, STUART THOMAS 3,001,799
OPPONG, DAVID 3,001,511
OPTIBIOTIX LIMITED 3,001,472
OPTIBIOTIX LTD 3,001,539
OREM, CHRISTOPHER P. 3,002,093
ORIMOTO, KOHEI 3,001,528
ORINSKI, WILLIAM G. 3,001,577
ORLANDI GIUNTI OLIVEIRA, ELOISA HELENA 3,001,505
OROZCO, DANIEL 3,002,103
ORPHOMED, INC. 3,001,851
ORPHOMED, INC. 3,002,082
ORTEGA NOLASCO, LEONARDO DANIEL 3,001,965
OSAROGIAGBON, KELVIN 3,001,584
OSIO, IGNACIO 3,001,720
OSMUNDSEN, CHRISTIAN MARUP 3,001,767
OSSER, LEONARD A. 3,002,028
OSTIGARD, RUNE 3,001,632
OSWALD, JAMES A. 3,001,893
OTHMAN, AHMED A. 3,002,220
OTSUKA PHARMACEUTICAL CO., LTD. 3,001,799
OTTER, MICHAEL 3,001,763
OUDE GROTEBEVELSBORG, WILLEM JAN 3,001,749
OUTOTEC (FINLAND) OY 3,001,086
OVERAS INVEST AB 3,001,512
OWEN OIL TOOLS LP 3,001,110
OXFORD BIOELECTRONICS LTD 3,001,951
OXFORD UNIVERSITY INNOVATION LIMITED 3,001,954
OZAKI, TOMONORI 3,001,525
OZAKI, TOMONORI 3,001,959
OZAKI, TOMONORI 3,001,963
OZCAN, GOKHAN KEMAL 3,002,140
PACAK, JOHN STEPHEN 3,001,736
PAETOW, MARIO 3,001,531
PAETOW, MARIO 3,001,535
PAI, SUDHIR 3,002,155
PAILLE, DAMIEN 3,001,990
PAJUNK GMBH MEDIZINTECHNOLOGIE 3,002,106
PAL, ANDREW ATTILA 3,002,096
PAL, RANJAN KUMAR 3,001,958
PALEJWALA, VASEEM 3,001,727
PALFINGER AG 3,000,875
PAMPERIN, MARK THOMAS 3,001,805
PAMPERIN, MARK THOMAS 3,001,813
PAMPERIN, MARK THOMAS 3,001,972
PAMPERIN, MARK THOMAS 3,001,973
PAMPERIN, MARK THOMAS 3,001,978
PAMPERIN, MARK THOMAS 3,001,982
PANASIK, CHERYL L. 3,001,706
PANASIK, CHERYL L. 3,001,715
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 3,001,807
PANCHAL, BHAVESH MOHANBHAI 3,001,958
PANS, GRIET 3,001,503
PANSHIN, STEPHEN D. 2,961,941
PANSHIN, STEPHEN D. 2,961,946
PAPAC, MICHAEL J. 3,001,950
PAPP, ROBERT IOAN 3,001,538
PARCELLA, KYLE E. 3,002,008
PARK, EDWARD S. 3,001,572
PARK, HYE MIN 3,001,675
PARK, JIN SEUNG 3,001,675
PARK, SUNG-IK 3,001,545
PARK, VINCENT DOUGLAS 3,002,071
PARK, YONG-KYUN 3,001,547
PARKER, WILLIAM 3,001,628
PASQUALE, ADAM 3,001,612
PATEL, BHUPENDRA R. 3,001,706
PATEL, BHUPENDRA R. 3,001,715
PATEL, DINESH SHANTILAL 3,001,526
PATEL, DIPAN 3,001,706
PATEL, DIPAN 3,001,715
PATEL, JIGNESH 3,001,706
PATEL, JIGNESH 3,001,715
PATEL, SACHIN DINESH 3,001,526
PATHAK, SANDEEP PANKAJBHAI 3,001,958
PATIL, KAILASH 3,001,839
PATTERSON, NOLAN RICHARD 3,001,453
PAUA TRADING LIMITED 3,002,124
PAULSEN, MARK R. 3,002,053
PAUNESCU, ALEXANDRU 3,001,619
PAUNESCU, ALEXANDRU 3,001,881
PAUNESCU, ALEXANDRU 3,001,884
PAYOT, ETIENNE 3,001,668
PAZ, ILAN 3,002,134
PEACH, WALTER J. 3,001,872
PEASE, PAUL 3,001,916
PEDERSEN, PER BO 3,001,433
PEI, SHAO NING 3,001,616
PEINEMANN EQUIPMENT B.V. 3,002,112
PELLAND, JON ALLEN 3,001,844
PELTIER, SEBASTIEN 3,001,778
PENCE, JUSTIN S. 3,001,475
PENCE, JUSTIN S. 3,001,608
PENDERGAST, JOHN G. 3,001,582
PENG, WENJIE 3,001,424
PENN ENGINEERING & MANUFACTURING CORP. 3,002,159
PENNY, JAMES R. 3,001,708
PEPE, GREGORY 3,001,705
PEREZ, ARIANNE 3,001,613
PEREZ-ALEA, MILEIDYS 3,001,201
PEREZ-ALEA, MILEIDYS 3,001,204
PERINO, SAMANTHA 3,001,712
PEROT, JEAN 3,001,113
PERRY, KYLE 3,001,702
PERSSON, TONY 3,001,775
PERUMAL, SENNI 3,002,016
PESCHEL, MICHAEL 3,001,190
PETERSEN, KIRSTIN 3,001,085
PETERSON, BART D. 3,001,697
PETERSON, BART D. 3,001,701
PETERSON, BART D. 3,001,905
PETERSON, BART D. 3,001,906
PETERSON, BART D. 3,002,009
PETERSON, RONALD G. 3,001,560
PETIT, ROBERT 3,001,702
PETRICH, WOLFGANG 3,001,763
PEZZIMENTI, LUKE A. 3,001,345
PHANOPOULOS, CHRISTOPHER 3,001,503
PHILIP MORRIS PRODUCTS S.A. 3,001,443
PHILIP MORRIS PRODUCTS S.A. 3,001,446
PHILIP MORRIS PRODUCTS S.A. 3,001,756
PHILIP MORRIS PRODUCTS S.A. 3,001,780
PHILIP MORRIS PRODUCTS S.A. 3,001,784
PHILIP MORRIS PRODUCTS S.A. 3,001,785
PHILIP MORRIS PRODUCTS S.A. 3,001,946
PHILLIPS 66 COMPANY 2,999,744
PHILLIPS 66 COMPANY 3,001,732
PHILLIPS, MONIQUE 3,001,974
PHOENIX, STUART L. 3,001,361
PICARDEAU, MATHIEU 3,001,340
PICHARDO ANAYA, HUGO 3,001,965
PIERLEONI, MARCO 3,002,235
PIETRZAK, CHRISTOPHER T. 3,001,708
PINDROP SECURITY, INC. 3,001,839
PIONEER HI-BRED INTERNATIONAL, INC. 3,001,570
PIONEER HI-BRED INTERNATIONAL, INC. 3,001,681
PIRONE, RAFFAELE 3,001,650
PIUMETTI, MARCO 3,001,650
PLANETA, MIROSLAV 3,001,486
PLANETWATCH24 3,001,984
PLATTE, GABRIELE 3,001,930
PLATTE, GABRIELE 3,001,931
PLATTFAUT, BERNHARD 3,001,527
PODGORNY, IGOR A. 3,001,453
POINCELET, ERIC 3,001,984
POINCELET, PHILIPPE 3,001,984
POIRIER, ROLAND 3,001,208
POKITDOK, INC. 3,001,912
POKITDOK, INC. 3,002,032
POLHEMUS, MATT 3,001,716
POLLEY, REX 3,001,916
POLYNT COMPOSITES USA, INC. 3,002,023
POLYTARIDIS, NICHOLAS 3,002,096

POMERENKE, KEITH 3,002,101
POPA, RADU 3,001,118
POPP, JAMES R. 3,002,101
POSSEHL ELECTRONICS DEUTSCHLAND GMBH 3,001,497
POSTEMA, MAARTEN 3,002,144
POTTER, GREGORY 3,002,116
POTTIER, STEPHAN 3,001,428
POUGET, GAELLE 3,001,519
POULAIN, ISABELLE 3,001,645
POULAIN, ISABELLE 3,001,646
POULAIN, ISABELLE 3,001,648
POULAIN, ISABELLE 3,001,824
POULAIN, ISABELLE 3,001,990
POULSEN, ANDERS 3,001,452
POWER, DANIEL E., III 3,001,696
POWERVISION, INC. 3,001,477
PPC BROADBAND, INC. 3,001,862
PPG COATINGS (TIANJIN) CO., LTD. 3,001,491
PPG INDUSTRIES OHIO, INC. 3,001,685
PPG INDUSTRIES OHIO, INC. 3,001,864
PRAJAPATI, KAUSHIKKUMAR DHANJIBHAI 3,001,958
PRATT, BENJAMIN A. 3,002,078
PRAXAIR TECHNOLOGY, INC. 2,999,734
PRAXAIR TECHNOLOGY, INC. 3,001,522
PRAXAIR TECHNOLOGY, INC. 3,001,559
PRAXAIR TECHNOLOGY, INC. 3,001,561
PRAXAIR TECHNOLOGY, INC. 3,001,564
PRECISION BIOSCIENCES, INC. 2,997,909
PRECISION FOAM TECHNOLOGIES PTY LTD 3,000,849
PREISING, RALF-HARALD 3,001,770
PREMIER COIL SOLUTIONS, INC. 3,001,908
PRENDERGAST, JILLIAN M. 3,002,097
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,001,679
PRETO, VASCO 3,001,760
PRINTY, BLAKE 3,002,088
PRINZ, MARTIN 3,001,634
PRISCO, GIUSEPPE MARIA 3,001,934
PRISCO, GIUSEPPE MARIA 3,001,935
PRISCO, GIUSEPPE MARIA 3,001,937
PRISCO, GIUSEPPE MARIA 3,001,940
PROLS, MARKUS 3,001,435
PROUTY, JEFF 3,001,693
PRYSMIAN S.P.A. 3,001,513
PUBLIC TRANSPORTATION SAFETY INT'L CORP. 3,001,904
PULE, MARTIN 3,001,792
PULTRUSION TECHNIQUE INC. 3,001,919
PURDUE RESEARCH FOUNDATION 3,002,168
PURDY, ERIC J. 3,001,862
PUSCAS, MIHAIL 3,001,538
PUYOL, YOEL 3,001,804
PYEON, DOHUN 3,001,710
QSENSE, INC. 3,001,353
QUALCOMM INCORPORATED 3,001,579
QUALCOMM INCORPORATED 3,001,626
QUALCOMM INCORPORATED 3,002,071
QUALCOMM INCORPORATED 3,002,227
QUANSOR CORPORATION 3,001,609
QUARANTO, PAUL 3,002,158
QUASH, GERRY 3,001,201
QUASH, GERRY 3,001,204
QUEBATTE, JULIEN LAURENT 3,002,117
QUESNELL, REBECCA R. 3,002,214
QUICK, RICHARD 3,002,154
QURESHI, FAISAL 3,002,103
RA, YONG-KUK 3,001,540
RA, YONG-KUK 3,001,541
RABAIOLI, MARIA ROBERTA 3,002,072
RABIE, AHMED 3,001,565
RACKERS, KEVIN JOSEPH 3,001,169
RADACOVICI, LILI-MEI 3,001,524
RAGGIO, GLEN 3,002,175
RAGLAND, BEN 3,001,446
RAHMANI, RACHID 3,001,758
RAJAEE, AMIR 3,001,626
RAJAGOPALAN, SUMITRA 3,002,214
RAJAMANI, RAVI 3,001,348
RAJANI, PURSHOTAM 3,001,657
RAJENDRAN, PRASANNA 3,001,544
RAJENDRAN, PRASANNA 3,001,546
RAJENDRAN, PRASANNA 3,001,553
RAJENDRAN, PRASANNA 3,001,554
RAJESH, DEEPIKA 3,002,156
RAJESH, DEEPIKA 3,002,157
RAJKOVIC, ERICH 3,001,765
RAMIREZ-SERRANO, ALEJANDRO 3,001,734
RAMKUMAR, SHWETHA 3,001,336
RAMKUMAR, SHWETHA 3,001,479
RANA, DIJIXA PINAKIN 3,001,958
RAPP, MORITZ 3,001,507
RAPTA, MIROSLAV 3,001,542
RASMUSSEN, JOLYN 3,000,739
RASMUSSEN, JOLYN 3,000,750
RAVI, KRIS 3,001,449
RAYCHAUDHURI, SYAMAL 3,001,918
RAZGA, FILIP 3,001,994
RDT, INC. 3,002,150
READER, TIMOTHY W. 3,001,827
REBTEL NETWORKS AB 3,001,760
RECYCLE TRACK SYSTEMS INC. 3,001,612
REED, CHARLES 3,001,590
REED, PAUL W. 3,002,046
REED, WAYNE F. 3,001,555
REEPMEYER, GERRIT 3,002,016
REEVELL, TONY 3,001,756
REEVER, KENNETH P. 3,001,733
REGAN, MICHAEL CHRISTOPHER 3,001,583
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,001,709
REICH, MELANIE 3,001,949
REIHMAN, ELI 3,002,096
REIMERS, PETER 3,001,460
REINA ARTILES, MATIAS 3,002,123
REINERSMANN, UWE 3,002,114
REITER, DANIEL 3,001,515
REN, LIANG 3,001,431
REN, PENG 3,001,750
RENNSCHMID, DOMINIK 3,001,927
RENSING, NOA M. 3,001,455
RESTIFO, NICHOLAS P. 3,001,613
REUSCH, UWE 3,001,765
REUTER, FRANK 3,001,757
REUTER, HARDY 3,002,119
REV-A-SHELF COMPANY, LLC 3,001,592
REYES, RUBEN 3,001,459
REYNOLDS, ALAN CRAIG 3,001,915
REZAC, DAVID 3,001,755
RHOADES, DEREK 3,002,027
RHODIA OPERATIONS 3,001,565
RICHAEL, CRAIG 3,000,739
RICHAEL, CRAIG 3,000,750
RICKER, LAUREN 3,001,856
RIEDEL, PETER 3,001,956
RIGHI, MATTEO 3,001,792
RIKEN 3,001,536
RILEY, JON CLARK 3,002,042
RIPKA, AMY 3,001,857
RIVER ROAD RESEARCH, INC. 3,001,118
RIVEROS URZUA, GABRIEL ANGEL 3,001,630
ROB, MARK 3,001,302
ROBERTS, LINDSAY 3,001,500
ROBERTS, ROBERT R., III 3,002,244
ROBINSON, MEGAN 3,001,917
ROBINSON-HAMM, JACQUELINE N. 3,001,623
ROCHETTE, DANIEL 3,001,721
ROCHETTE, JEAN 3,001,737
ROEMPP, ANGELA 3,002,121
ROGEBERG, JARAN 3,001,632
ROHLER, ERIN 3,001,818
ROJAS, BERNARDO NUNEZ 3,001,741
ROJO-CALDERON, NOELIA 3,001,946
ROLLER, MARC 3,001,673
ROLLS-ROYCE PLC 3,001,781
ROLLS-ROYCE PLC 3,001,786
ROMBAUT, NATACHA 3,001,673
ROORDA, ROBERT 3,001,621
ROSEFORT, MARCEL 3,001,925
ROSEN, LEE J. 3,001,522
ROSEN, LEE J. 3,001,559
ROSEN, LEE J. 3,001,561
ROSEN, LEE J. 3,001,564
ROSENBERG, LAURA H. 3,001,903
ROSENBERG, STEVEN A. 3,001,613
ROSKO, MICHAEL SCOT 3,001,867
ROSS, THORSTEN 3,001,765
ROSSE, MARCEL 3,001,758
ROSSUM VAN, GUUS 3,001,434
ROTHMAN, PAUL J. 3,001,568
ROTHROCK, ELWOOD 3,001,995
ROUBENOFF, RONENN 3,001,654
ROUSH, WILLIAM R. 3,001,903
ROUSSEAU, BENJAMIN 3,001,635
ROUSSEAU, BENJAMIN 3,001,642

ROUSSEAU, BENJAMIN 3,001,645
ROUSSEAU, BENJAMIN 3,001,646
ROUSSEAU, BENJAMIN 3,001,648
ROUSSEAU, BENJAMIN 3,001,719
ROUSSEAU, BENJAMIN 3,001,762
ROUSSEAU, BENJAMIN 3,001,824
ROUSSEAU, BENJAMIN 3,001,990
ROZEMA, MICHAEL J. 3,002,220
RUBIO, DANIEL 3,001,758
RUSEK, FREDRIK 3,001,740
RUSSELL, NICHOLAS JAMES 3,001,889
RUSSO, NUNZIO 3,001,650
RUSYNIAK, MARK 3,001,780
RYAN, EDWIN 3,002,205
RYTEL, JOHN 3,001,881
RYU, JAE-CHUN 3,001,547
SABATINO, MARIANNA 3,001,613
SABBAGH, AMIEL SAM 3,001,608
SACHWEH, BERND 3,001,774
SADABADI, HAMMID 3,001,450
SAHN, JAMES J. 3,001,484
SAIAH, EDDINE 3,001,703
SAITOH, TSUYOSHI 3,001,658
SAJIC, PETER 3,001,643
SAKAGUCHI, MASAKAZU 3,001,968
SAKAI, ATSUSHI 3,001,525
SAKAI, ATSUSHI 3,001,959
SAKAI, ATSUSHI 3,001,963
SALIX PHARMACEUTICALS, INC. 3,002,137
SALU DESIGN GROUP INC. 3,001,628
SALZMAN LOVELACE INVESTMENTS, LTD. 3,001,667
SAMPATH, DEEPAK 3,001,880
SAN ROMAN MACIA, MARIA 3,001,434
SANDAHL, KRISTIAN 3,001,512
SANDER, TAMARA J. 3,002,196
SANDERS, ROY 3,001,856
SANDERS, TAMMY A. 3,002,214
SANDHOLZER, MARTINA 3,002,116
SANFORD HEALTH 3,001,710
SANGHAVI, PRANAV 3,001,803
SARCOPSKI, MATTHEW 3,001,916
SARGENT MANUFACTURING COMPANY 3,002,197
SASAKI, JEFFREY 3,002,156
SASOL (USA) CORPORATION 3,002,072
SAUDI ARABIAN OIL COMPANY 3,001,550
SAULNIER, MARK GEORGE 3,002,008
SAUR 3,001,113
SAUTER, TOM 3,002,042
SAVAGE, JOHN KEITH 3,002,143
SAYESKI, PETER P. 3,001,882
SCATTOLIN, GAETANO 3,002,108
SCHACHTSCHABEL, DOREEN 3,001,975
SCHACHTSCHABEL, DOREEN 3,001,979
SCHAECHER, WILLIAM J. 3,001,449
SCHAEFFER, MARC 3,001,501
SCHEERDER, JURGEN 3,001,438
SCHEERDER, JURGEN 3,001,441
SCHEUCH, GERHARD 3,001,962
SCHIESSER, CARL HERBERT 3,001,478
SCHLEGEL, DANIEL 3,002,101
SCHLUMBERGER CANADA LIMITED 3,001,187
SCHLUMBERGER CANADA LIMITED 3,002,155
SCHNEIDER ELECTRIC INDUSTRIES SAS 3,001,782
SCHNEIDER ELECTRIC INDUSTRIES SAS 3,001,790
SCHNEIDER ELECTRIC INDUSTRIES SAS 3,001,801
SCHNEIDER, ALEXANDER 3,002,118
SCHNEIDER, CHAD 3,001,733
SCHOEVAART, WILLEM ROBERT KLAAS 3,001,572
SCHOFBERGER, TOBIAS 3,001,190
SCHOLER, MICHAEL 3,001,945
SCHOLZ, ARNE 3,001,085
SCHOONEBEEK, RONALD JAN 3,001,434
SCHORKHUBER, JAKOB 3,001,883
SCHRADER, DAVID A. 3,002,036
SCHRAMM, DANA 3,001,858
SCHROGIE, JOHN 3,001,709
SCHUETZ, MICHAEL 3,001,738
SCHUKAI, ROBERT JOSEPH 3,002,235
SCHULER, SCOTT 3,001,858
SCHUNK, STEPHAN 3,001,949
SCHURMANN, KLAUS 3,001,945
SCHWARZ, CARL L. 3,001,522
SCHWARZ, CARL L. 3,001,559
SCHWARZ, CARL L. 3,001,561
SCHWARZ, CARL L. 3,001,564
SCHWEBEL, HERVE JEAN 3,002,113
SCIAMBI, ADAM R. 3,001,986
SCOLA, PAUL MICHAEL 3,002,008
SCYTHIAN BIOSCIENCES INC. 3,002,036
SEALEY, JAMES E. 3,001,475
SEALEY, JAMES E. 3,001,608
SEAY, MICHAEL 3,001,688
SEBASTIAN, ANIL 3,001,951
SEBASTIAN, LOTHAR 3,001,945
SECREAST, STEPHEN L. 3,002,214
SEDANI, AMIT PRAVINBHAI 3,001,958
SEDDON, JAMES 3,002,078
SELENO THERAPEUTICS PTY. LTD. 3,001,478
SELL, DEVIN 3,002,033
SELVAN, KARTHIKEYAN 3,002,103
SEMERARO, TERESA 3,001,649
SENETAR, JOHN J. 3,001,739
SENGELOW, WILLIAM MAURICE 3,001,506
SENGELOW, WILLIAM MAURICE 3,001,651
SENGUPTA, ANUPAM 3,002,016
SENGUPTA, SHOMIT 3,001,703
SGARLATA, JONATHAN 3,001,877
SHAARE ZEDEK SCIENTIFIC LTD. 3,001,699
SHAH, ANKIT SHAILESHKUMAR 3,001,955
SHAH, ANKIT SHAILESHKUMAR 3,001,957
SHAH, CHINTAN SHIRISH 3,001,626
SHAH, RUTUL 3,001,590
SHAILUBHAI, KUNWAR 3,001,727
SHANNON, JONATHAN MARTIN 3,001,799
SHARP KABUSHIKI KAISHA 3,001,960
SHATTO, DONALD P. 3,001,479
SHAZLY, TAREK A. 3,001,534
SHEARER, JOHN D. M. 3,001,685
SHEIKH, AHMAD Y. 3,002,220
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,001,434
SHELTON, WILLIAM STANLEY 3,001,488
SHEN, LINGJUAN 3,001,565
SHEN, QINGWEI 3,001,631
SHENG, XIAOXIA 3,001,495
SHETTY, POORNIMA 3,001,890
SHETTY, POORNIMA 3,001,894
SHIGETA, KAZUYO 3,001,532
SHILLINGER, D. HANS 3,001,809
SHIN, DONG-YEOP 3,001,547
SHINDE, RAJESH R. 3,001,712
SHINDOME, TSUYOSHI 3,001,533
SHISHIDO, MASAYUKI 3,001,436
SHIVELL, WILLIAM TAYLOR 3,001,456
SHLAKHETSKI, VICTOR 3,001,953
SHMEEDA, HILARY 3,001,699
SHROFF, RAGHAV 3,002,088
SHUKEN, RANDY 3,001,902
SHUKEN, RANDY 3,001,999
SHVETSOV, KYRYLO 3,001,705
SIAMAB THERAPEUTICS, INC. 3,002,097
SIEGE TECHNOLOGIES LLC 3,001,463
SIEMEISTER, GERHARD 3,001,085
SIEMENS AKTIENGESELLSCHAFT 3,001,754
SIEMENS AKTIENGESELLSCHAFT 3,001,942
SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH 3,001,945
SIENKIEWICZ, CASIMIR A. 3,002,244
SIEVERS, WOLFGANG 3,001,473
SIGLI, CHRISTOPHE 3,001,519
SIKULU, MAGGY 3,001,885
SILVA, RONNEY ROGERIO RODRIGUEZ 3,001,877
SILVESTRINI, PATRICK CHARLES 3,001,784
SILVESTRINI, PATRICK CHARLES 3,001,785
SIMCHAYOFF, ALAN 3,001,456
SIMI, MASSIMILIANO 3,001,934
SIMI, MASSIMILIANO 3,001,935
SIMI, MASSIMILIANO 3,001,937
SIMI, MASSIMILIANO 3,001,940
SIMIELLI, EIDER ALBERTO 3,001,504
SINDER, DANIEL JARED 3,001,579
SINGH, NIKHILESH NIHALA 3,001,851
SINGH, NIKHILESH NIHALA 3,002,082
SINGH, SIDDHARTH 3,001,905
SINGHAL, SHRAWAN 3,001,848

SIO2 MEDICAL PRODUCTS, INC. 3,001,718
SIRVENT, PASCAL 3,001,778
SISAY, MIHIRET TEKESTE 3,001,975
SISAY, MIHIRET TEKESTE 3,001,979
SITA, LEWIS 3,002,038
SKINNER, RAYMOND CLIFFORD DAVID 3,001,915
SKOGLUND, THOMAS 3,001,760
SKRIPALLE, JUERGEN HEINZ-FRIEDRICH 3,002,128
SLAUGHTER, KAI VINCENT 3,001,423
SLAYER BLADES S.R.L. 3,002,108
SLINGMAX TECHNOLOGIES LLC 3,001,843
SMAL, OLIVIER 3,002,115
SMETS, PATRIK 3,002,003
SMILEY, TERAH WHITING 3,001,477
SMITH, BARRY S. 3,001,443
SMITH, BRIAN CHRISTOPHER 3,002,096
SMITH, CAMERON 3,001,542
SMITH, CHEYNE 3,001,610
SMITH, DANIEL 3,000,833
SMITH, JAMES JEFFERSON 2,997,909
SMITH, MICHAEL A. 3,001,876
SMITHS MEDICAL ASD, INC. 3,001,537
SMITHS MEDICAL INTERNATIONAL LIMITED 3,001,647
SNUG SOLUTIONS LTD 3,001,947
SOARES SILVA, ANNA KAROLINA 3,001,920
SOLENIS TECHNOLOGIES, L.P. 3,001,674
SOLIPHARMA LLC 3,001,495
SOLOMON, KERRY 3,002,085
SOLTANI, NIMA 3,001,746
SOLVAY SA 3,002,153
SOLVAY SPECIALTY POLYMERS ITALY S.P.A. 3,001,521
SOMERS, BETH 3,001,818
SONDEREGGER, RALPH L. 3,001,701
SONDEREGGER, RALPH L. 3,001,905
SONDEREGGER, RALPH L. 3,001,906
SONDERERGGER, REMO 3,001,617
SONG, HYESEUNG 3,001,666
SONY CORPORATION 3,001,292
SONY CORPORATION 3,001,440
SONY CORPORATION 3,001,753
SOPPIMATH, KUMARESH 3,001,526
SOS-MUNOZ, VICENT 3,002,041
SOUTHERN MILLS, INC. 3,001,704
SPECTRUM BRANDS, INC. 3,001,671
SPELBRINK, ROBIN ERIC JACOBUS 3,001,548
SPERRY, ERIK E. 3,001,733
SPORTS 40 40 LLC 3,001,454
SPR THERAPEUTICS, LLC 3,002,033
SPRUNG INSTANT STRUCTURES LTD. 3,001,923
SPRUNG, PHILIP D. 3,001,923
SREENIVASAN, SIDLGATA V. 3,001,848
ST. GERMAIN, SCOTT 3,001,843
STADLIN, JACQUES 3,001,907
STAHL, FREDRIK 3,001,448
STANDARD CAR TRUCK COMPANY 3,001,872
STANHOPE, MICHAEL T. 3,001,704
STARKMAN, SEAN 3,001,898
STARR, DAVID 3,001,818
STARSHIP TECHNOLOGIES OU 3,001,500
STEGMANN, CHRISTIAN 3,001,085
STEINMETZ, BERNHARD 3,002,119
STELZL, THOMAS KURT 3,002,102
STEVENS, RAYMOND E. 3,001,850
STEWART, CHARLES ANDREW (MARSHALL) 3,001,590
STEWART, JOHN SIDNEY 3,001,901
STICHTING WAGENINGEN RESEARCH 3,001,815
STINAA & J FASHION AB 3,001,663
STOCKHAMMER, THOMAS 3,002,227
STOEVER, BRIAN 3,001,764
STOKLEY, ELIZABETH A. 3,001,733
STORIONE, SAVINO 3,002,127
STORKEY, CORIN 3,001,478
STOUT, BHAVANI 3,002,066
STRACK-LOGUE, BETTINA 3,001,852
STRONG, SCOTT 3,001,839
STROTHER, ROBERT B. 3,002,033
STURENBURG, ERICH 3,001,515
SU, HUA-POO 3,001,878
SUEZ WATER & TREATMENT SOLUTIONS PTY LTD 3,001,886
SUGAYA, SHIGERU 3,001,440
SUGINO, MASAAKI 3,001,670
SULLIVAN, DANA K. 3,001,739
SULLIVAN, STEVEN D.E. 3,001,542
SUMITOMO CHEMICAL COMPANY, LIMITED 3,001,528
SUMITOMO METAL MINING CO., LTD. 3,001,439
SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED 3,001,955
SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED 3,001,957
SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED 3,001,958
SUN, JINGWEI 3,002,095
SUN, LI-QIANG 3,002,008
SUN, MEIRU 3,001,491
SUNREPORT S.R.L. 3,001,970
SUNSHINE LAKE PHARMA CO., LTD. 3,001,655
SURGICAL STABILIZATION TECHNOLOGIES INC. 3,001,736
SURI, JEFF T. 3,002,099
SUSSMAN, GLENN 3,002,085
SUTHERLAND, GARNETTE R. 3,001,724
SUZUKI, HIDETOSHI 3,001,807
SWANSON, BRADLEY 3,002,157
SWARUP, SHANTI 3,001,864
SWEDISH MATCH NORTH EUROPE AB 3,001,775
SWEENEY, MATTHEW 3,001,694
SWEENEY, MATTHEW 3,001,855
SWERYDA-KRAWIEC, BEATA 3,001,712
SWIDERSKI, PIOTR MAREK 3,001,723
SYNCONA INVESTMENT MANAGEMENT LIMITED 3,002,125
SYNERGY PHARMACEUTICALS, INC. 3,001,727
SYNGRAFII INC. 3,001,899
SZE, DAVID 3,002,099
SZELLA, ALEXANDER J. 3,001,708
TAARNING, ESBEN 3,001,767
TAE TECHNOLOGIES, INC. 3,002,091
TAHA, AHMAD 3,001,718
TAKAHASHI, KAZUYUKI 3,001,292
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,001,964
TAKEI, HIROYUKI 3,001,294
TAKETA, ICHIRO 3,001,447
TAL, GILAD 3,001,743
TALIHU GMBH 3,002,118
TALLEY, JOHN J. 3,001,510
TAMBER, HARINDER 3,001,486
TAMMERA, ROBERT F. 3,001,336
TAN, WEIHUA 3,001,730
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CROWN EQUIPMENT CORPORATION 3,001,159
CROWN EQUIPMENT CORPORATION 3,001,203
CRYOTERMIC SYSTEMS, INC. 2,995,041
CULP, JERRY S. 3,000,171
DAMMEYER, KARL L. 3,001,155
DAMMEYER, KARL L. 3,001,159
DAMMEYER, KARL L. 3,001,203
DANA-FARBER CANCER INSTITUTE, INC. 2,998,281
DEEP VEIN MEDICAL, INC. 2,997,871
DELTA FAUCET COMPANY 3,000,704
DESHPANDE, ROHINI 2,997,971
DEUBER, LOUIS 2,994,311
DHENDE, VIKRAM 3,000,077
DIBER, ALEX 2,999,342
EDWARDS LIFESCIENCES CORPORATION 2,998,123
ELECTRONIC WARFARE ASSOCIATES, INC. 3,000,710
EMMANUEL, EYAL 2,999,342
EMORY UNIVERSITY 2,998,281
ENVY MEDICAL, INC. 2,999,547
EVANS, DAVID J. 2,998,123
EVANS, LEON EDWARD 3,000,923
EVOGENE LTD. 2,999,342
FACEBOOK, INC. 3,000,241
FASCIO, CARLO 2,945,004
FAULKINBURY, ALBERT PATRICK 2,978,583
FISCHBACH, JEAN-PAUL 2,999,637
FISHER & PAYKEL HEALTHCARE LIMITED 3,000,923
FITES, THEODORE CORY 2,994,492
FLASINSKI, STANISLAW 2,997,731
FLASINSKI, STANISLAW 2,997,781
FLASINSKI, STANISLAW 2,997,793
FLAUM, ISER B. 3,000,710
FOAT, BARRETT C. 2,997,731
FOAT, BARRETT C. 2,997,781
FOAT, BARRETT C. 2,997,793
FONG, KENTON 3,001,382
FORCUCCI, STEPHEN 2,998,009
FORSELL, PETER 2,999,337
FRASURE, DAVID WILLIAM 2,979,381
FREEAR, STEVEN 3,001,812
FREEMAN, GORDON J. 2,998,281
FRIESEN, FRANK 2,999,568
FROESE, HENRY 2,999,568
FUDGE, ALEJO 3,000,969
FUJIBAYASHI, AKIRA 3,001,601
FULGA, VALENTIN 2,998,199
GAMBLE, ROBERT N., II 3,001,352
GAMBLE, ROBERT N., II 3,001,359
GANE, PATRICK A.C. 2,998,017
GANTENBEIN, DANIEL 2,998,017
GARCIA, DAVID HARRY 3,000,241
GERSHTEIN, EUGENE 3,000,256
GIVENS, GEORGE 3,001,010
GLEAVE, MARTIN 2,999,629
GOLDENBERG, DAVID S. 3,000,171
GONZALES, LEO 3,000,707
GOTOU, HIROSHI 3,001,226
GREGSON, JAMES P. 2,998,281
GROOT, CHRIS 3,000,969
GUAN, DECHI 2,999,629
HAFEZI, HOOMAN 3,000,257
HAN, HQ 2,997,971
HANTASH, BASIL M. 2,999,547
HARPER, JOHN R. 3,000,888
HARPER, MARGARET 2,997,756
HARWOOD, JONATHAN DAVID 3,000,923
HATTORI, RYOJI 3,001,027
HEIDECKE, KARSTEN 3,001,010
HENNIGES, BRUCE D. 3,000,171
HIGGINS, ROBERT JOHN 2,999,674
HIGGINS, ROBERT JOHN 2,999,678
HINCHLIFFE, PETER W.J. 2,997,871
HIWASA, NORIMICHI 3,001,027
HIWATARI, HARUNAGA 3,000,137
HOFTE, PAULUS ANTONIUS AUGUSTINUS 3,001,182
HOLBROOK, ERIC D. 3,001,155
HOLBROOK, ERIC D. 3,001,159
HOLBROOK, ERIC D. 3,001,203
HONIGBERG, LEE 3,001,152
HOWARTH, BRAD MICHAEL 3,000,923

HU, DEAN 3,001,382
HUSQVARNA AB 2,999,664
HUYSER, RICHARD F. 3,000,171
IHLE, DARRIN R. 3,001,155
IHLE, DARRIN R. 3,001,159
IHLE, DARRIN R. 3,001,203
IMPERIO, DANIELA 3,001,399
IMPLANTICA PATENT LTD. 2,999,337
INTERSECT ENT, INC. 3,001,814
IP, BERNARD TSZ LUN 3,000,923
ITANI, YUSUKE 3,001,027
JACKELS, HANS ADOLF 2,994,492
JACKSON, JOHN K. 2,999,629
JACOBS, ALAN JEFFREY 3,000,256
JAMES, ADRIAN BENTON 3,001,182
JIDDAWI, SALEH 2,981,813
JOHNS MANVILLE 2,978,583
JOHNSON, GARRETT 3,000,119
JONES, TIMOTHY D. 2,998,281
JONSSON, ANDREAS 2,999,664
KAINTHAN, RAJESH KUMAR 2,999,629
KALMANN, MENNO 2,997,871
KARASIUK, KENNETH B. 2,999,547
KARCHI, HAGAI 2,999,342
KASUKAWA, HIROAKI 3,001,226
KAYE, MATTHEW VARGHESE 3,000,731
KENNEDY, SHAWN 3,000,969
KIDDE TECHNOLOGIES, INC. 2,979,381
KILBURN, ROBERT SHANE 2,994,142
KIZHAKKEDATHU, JAYACHANDRAN 2,999,629
KLOEPFER, MICHAEL 3,000,468
KONDO, TORU 2,998,412
KRAUSZ, BRIAN 3,000,241
KREUZER, CARSTEN HEINRICH 2,994,492
KWALATA TRADING LIMITED 2,998,199
LA FEVER, GEORGE B. 3,000,710
LATTUADA, LUCIANO 3,001,399
LEE, JONATHAN SIU-CHUNG 2,981,813
LEES, RICK 3,000,468
LEHMAN, ADAM I. 2,997,871
LENKER, ZACH 3,000,969
LI, YUE-SHENG 2,997,971
LIFECELL CORPORATION 3,000,888
LIGGINS, RICHARD 2,999,629
LOCKLIN, JASON J. 3,000,077
LOGAN, JOSEPH N. 2,997,505
LOSORDO, MICHAEL 3,000,119
LOURY, DAVID 3,001,152
MACDONALD, HEATHER LYNN 2,998,423
MAERTENS, ANDREW JOSEPH 3,000,468
MAGLIATO, KATHY ELIZABETH 2,995,279
MALACKOWSKI, DONALD W. 3,000,171
MARCHAND, PHILIPPE 2,998,123
MARLEAU, BENOIT 3,000,126
MARLOW, CAMERON ALEXANDER 3,000,241
MASSINGILL, JOHN LEE 2,965,914
MCCLAIN, MARC A. 3,001,155
MCCLAIN, MARC A. 3,001,159
MCCLAIN, MARC A. 3,001,203
MCCONNELL, THOMAS E. 2,981,870
MCLAREN, MARK ARVIND 3,000,923
MCLUEN, GARY R. 2,997,505
MCNAMARA, EDWARD 2,998,009
MCNEEL, THOMAS E. 2,997,864
MEYER, ANDREW THOMAS 2,999,674
MEYER, ANDREW THOMAS 2,999,678
MEYER, HELMUT 2,979,377
MICHAELS, MARK LEO 2,997,971
MILICH, ROBERT, JR. 2,998,123
MINEZAWA, AKIRA 3,000,366
MINEZAWA, AKIRA 3,000,998
MINEZAWA, AKIRA 3,001,027
MITCHELL, GEORGE A. 2,996,570
MITSUBISHI ELECTRIC CORPORATION 3,000,366
MITSUBISHI ELECTRIC CORPORATION 3,000,998
MITSUBISHI ELECTRIC CORPORATION 3,001,027
MIYAZAWA, KAZUYUKI 3,001,027
MONSANTO TECHNOLOGY LLC 2,997,731
MONSANTO TECHNOLOGY LLC 2,997,781
MONSANTO TECHNOLOGY LLC 2,997,793
MOORLAG, CAROLYN 2,981,813
MORIMOTO, KATSUMI 3,001,226
MORIYA, YOSHIMI 3,001,027
MUGABE, CLEMENT 2,999,629
MURAKAMI, TOKUMICHI 3,001,027
MUSE, DAVID R. 3,000,710
NAPOLITANO, ROBERTA 3,001,399
NAVEAU, PAUL 2,999,637
NEUROPRO TECHNOLOGIES, INC. 2,997,505
NOZAWA, SHIGENORI 3,001,226
NTT DOCOMO, INC. 3,000,726
NTT DOCOMO, INC. 3,000,728
NTT DOCOMO, INC. 3,001,601
OLSEN, GREGORY JAMES 3,000,923
OMYA INTERNATIONAL AG 2,998,017
ONE PASS IMPLEMENTS INC. 2,999,674
ONE PASS IMPLEMENTS INC. 2,999,678
ONG, PAUL 3,000,969
OPPONG, DAVID 2,997,864
OUFATTOLE, MOHAMMED 2,997,731
OUFATTOLE, MOHAMMED 2,997,781
OUFATTOLE, MOHAMMED 2,997,793
PANKRATZ, VIRGINIA 3,001,182
PARMAR, GOVINDER SINGH 2,998,423
PATEL, ROHEET 3,000,923
PERCEPTIMED, INC. 3,000,256
PHARMACYCLICS LLC 3,001,152
PHILIPP, CHRIS 3,000,171
PINTO, MOSHE 3,001,382
PJ TRAILERS, INC. 2,999,568
POLLOCK, SARAH RACHEL 2,999,342
PORAT, YAEL 2,998,199
POROZOV, SVETLANA 2,998,199
PORTO, RITA DE CASSIA BORTOTO 2,997,864
PRENTICE, CRAIG ROBERT 3,000,923
PRIDMORE, JEFFREY CAMERON 2,999,674
PRIDMORE, JEFFREY CAMERON 2,999,678
PRINOTH LTD. 3,000,126
PROTEUS DIGITAL HEALTH, INC. 3,000,257
QBO COFFEE GMBH 2,994,311
RAMIREZ, ARTURO 2,997,756
RAYBUCK, SCOTT 2,995,041
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK 2,979,377
REMINGTON, BENJAMIN J. 2,997,505
RESTIVE, MARIO J. 2,996,570
RITTERBUSH, STEPHEN 2,995,279
ROBERTSON, TIMOTHY 3,000,257
ROE, DONALD 2,994,492
ROSATI, RODRIGO 2,994,492
RUVANG, JOHN A. 3,001,369
SAKUMOTO, KOICHI 3,000,137
SANBORN, SARAH ANN 2,994,492
SANDHU, AGEEL A. 2,995,041
SAUDI ARABIAN OIL COMPANY 3,000,326
SAWASKI, JOEL D. 3,000,704
SCA HYGIENE PRODUCTS AB 3,000,707
SCHOELKOPF, JOACHIM 2,998,017
SEITZ, BRIAN J. 2,995,041
SEKIGUCHI, SHUNICHI 3,000,366
SEKIGUCHI, SHUNICHI 3,000,998
SEKIGUCHI, SHUNICHI 3,001,027
SHAWVER, MICHAEL JOSEPH 3,001,182
SHEIKHA, HUSSAIN 2,998,423
SHIMONI-ZALK, DAPHNA 2,998,199
SHIRAI, TAIZO 3,000,137
SHULTZ, RANDALL W. 2,997,731
SHULTZ, RANDALL W. 2,997,781
SHULTZ, RANDALL W. 2,997,793
SIEBEL, JUSTIN 3,000,707
SISLER, GORDON 2,981,813
SKUJINS, PETER 3,000,119
SNO-WAY INTERNATIONAL, INC. 3,001,352
SNO-WAY INTERNATIONAL, INC. 3,001,359
SNYDER, ERIC 3,000,257
SO, ALAN 2,999,629
SOLOMON, LESLIE BROOKS 3,000,969
SONY CORPORATION 3,000,137
SPEAR, TONY WILLIAM 3,000,923
SPEIR HUNTER LTD. 3,001,812
SPIRACUR INC. 3,001,382
STALCUP, GREGORY C. 2,997,505
STAPLES, STEPHEN GEORGE HENRY 3,001,812
STEBEN, ERIC 3,000,126
STEPHENSON, MATTHEW ROGER 3,000,923
STRATTON, DENNIS A. 3,000,171
STRYKER CORPORATION 3,000,171
SUGIMOTO, HIROATSU 2,998,009

SUGIMOTO, KAZUO	3,000,366
SUGIMOTO, KAZUO	3,000,998
SUGIMOTO, KAZUO	3,001,027
SUN, JEONGHOON	2,997,971
SUNCOR ENERGY INC.	2,998,423
SUZUKI, YOSHINORI	3,000,726
SUZUKI,, YOSHINORI	3,000,728
TAKIUE, JUNYA	3,001,601
TAM, LEI-TING TONY	2,997,971
TAN, THIOW KENG	3,001,601
TAYLOR, DAVID M.	2,998,123
TERUMO KABUSHIKI KAISHA	3,001,226
THE FOUNTAINHEAD GROUP, INC.	2,996,570
THE PROCTER & GAMBLE COMPANY	2,994,492
THE PROCTER & GAMBLE COMPANY	3,001,182
THE UNIVERSITY OF BRITISH COLUMBIA	2,999,629
THOMAS, KURT J.	3,000,704
TITAN TRAILERS INC.	3,000,468
TSENG, ERICK	3,000,241
TURLEY, ROCKY A.	3,001,010
TYLER, DOUGLAS L., SR.	3,000,171
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	3,000,077
VARCOE, BEN	3,001,812
VARJASSY, JUSTIN CHARLES	2,999,674
VARJASSY, JUSTIN CHARLES	2,999,678
VAUGHN, JOHN	2,996,570
VERBIEST, JAN HENDRIK MARIA	3,001,182
VERNER, ERIK	3,001,152
VO, CHAU	3,001,812
VRSIM, INC.	3,000,969
WALEN, JAMES G.	3,000,171
WALLACE, MATTHEW	3,000,969
WALTZ, LUCAS B.	3,001,155
WALTZ, LUCAS B.	3,001,159
WALTZ, LUCAS B.	3,001,203
WANG, QIANQIAN	2,981,870
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	3,001,010
WEI, XIAOPING	2,997,731
WEI, XIAOPING	2,997,781
WEI, XIAOPING	2,997,793
WELCH, PAUL A.	3,000,171
WENDORFF, TERRY C.	3,001,352
WENDORFF, TERRY C.	3,001,359
WHITE, BRYAN THOMAS	3,001,182
WHITT, MICHAEL DAVID	2,995,279
WIATR, CHRISTOPHER L.	2,997,864
WILLCOX, JOHN CADMAN	3,000,731
WILSON, RODNEY	3,000,707
WONG, ANDREW	3,001,028
WU, WEI	2,997,731
WU, WEI	2,997,781
WU, WEI	2,997,793
XEROX CORPORATION	2,981,813
YAMASHITA, KEIKO	3,001,226
YANG, SHIAW-PYNG	2,997,731
YANG, SHIAW-PYNG	2,997,781
YANG, SHIAW-PYNG	2,997,793
YE, LU	2,999,629
YELLIN, CARMY	3,000,710
ZBORAY, DAVID	3,000,969
ZETTERLIND, PETER	2,999,664